

Date: 05th December 2023

Revision – R3

DESIGN CALCULATION REPORT

FOR

MDL BEAST WING SCAFFOLD

STRUCTURE SCREEN &

LIGHTING WALL

(With Buggy Route)

FOR

AL LAITH

Submitted By



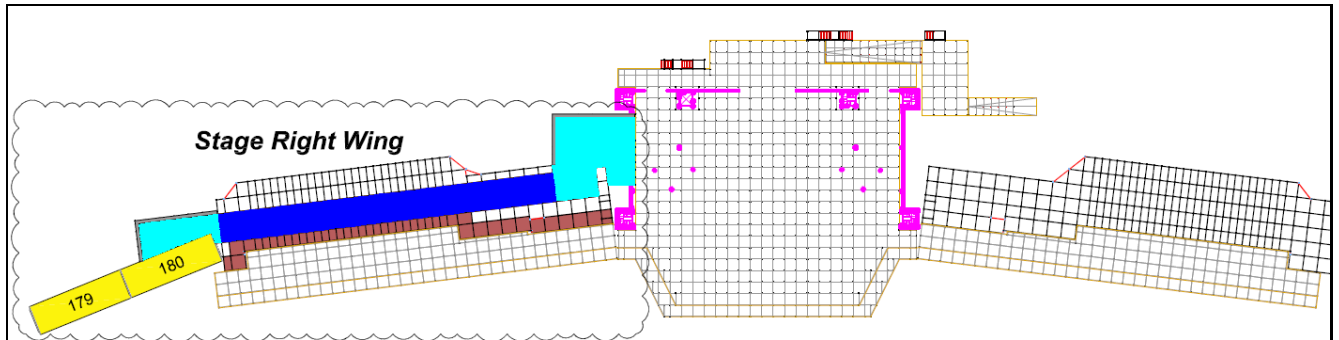
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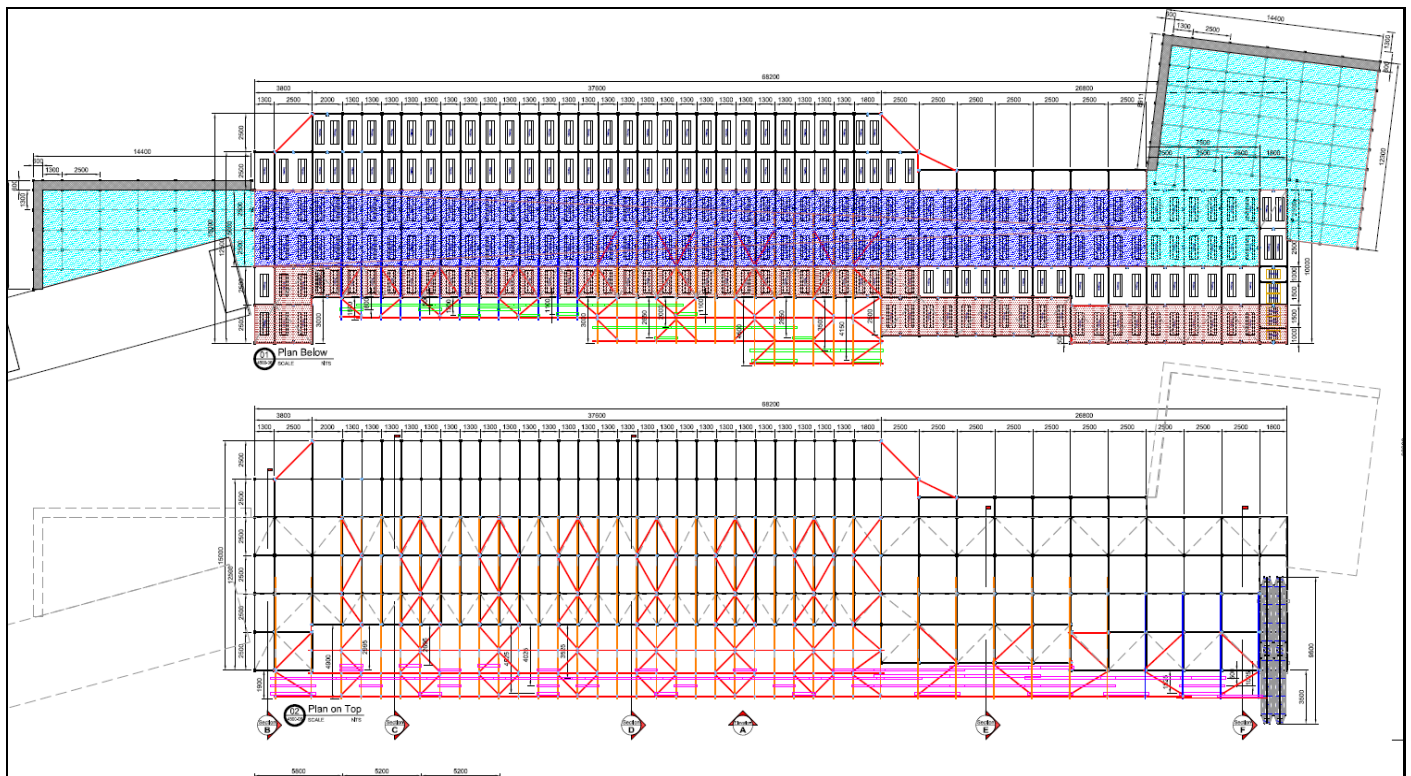
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1. INTRODUCTION

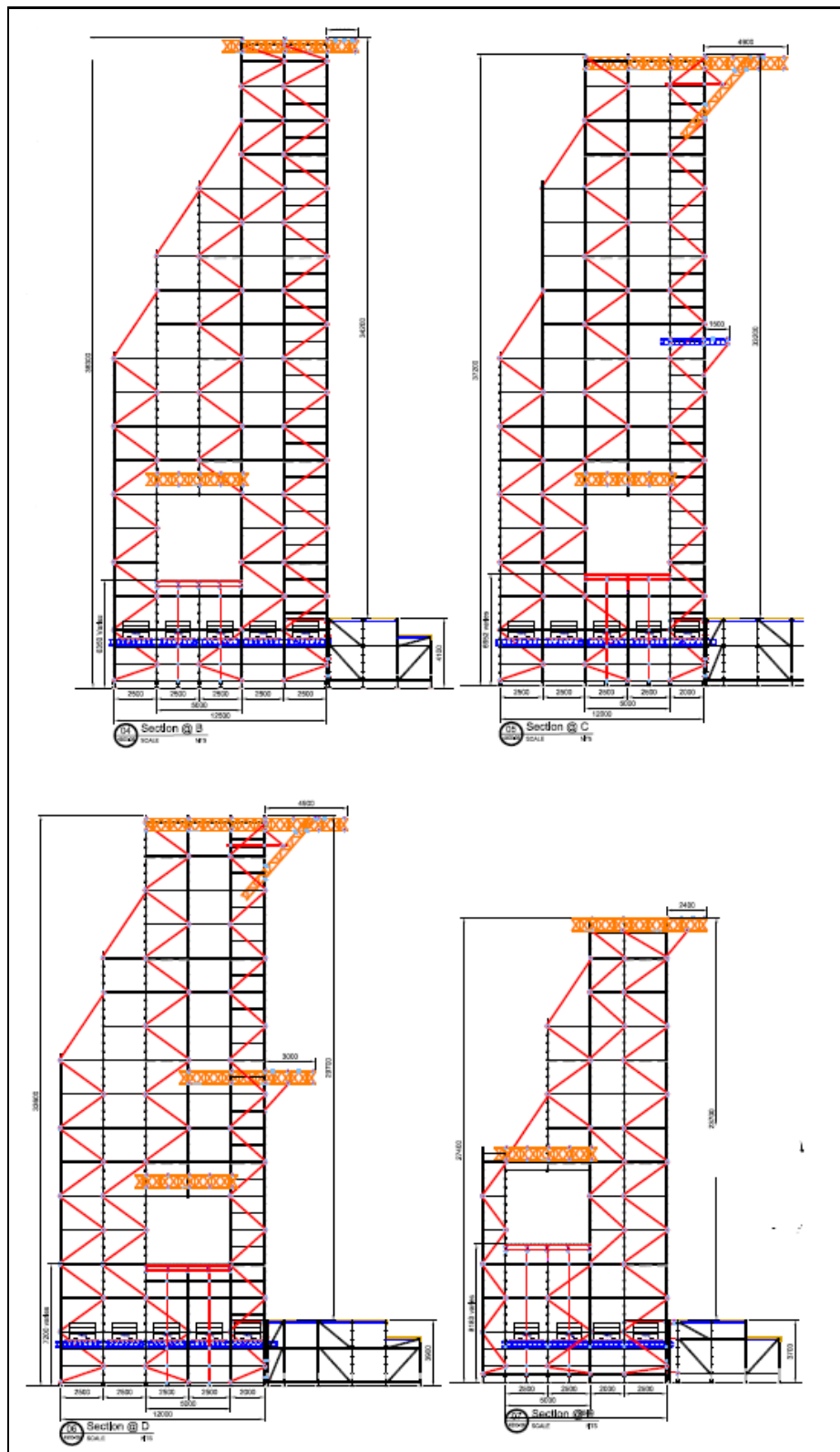
This design report presents analysis and design of A MDL beast sound storm right wing steel scaffolding structure with Buggy route. It includes codes referred for analysis & loading considerations, STAAD modeling, loading data, analysis & design results. Refer below images showing layout and structural systems of proposed scaffolding structure.



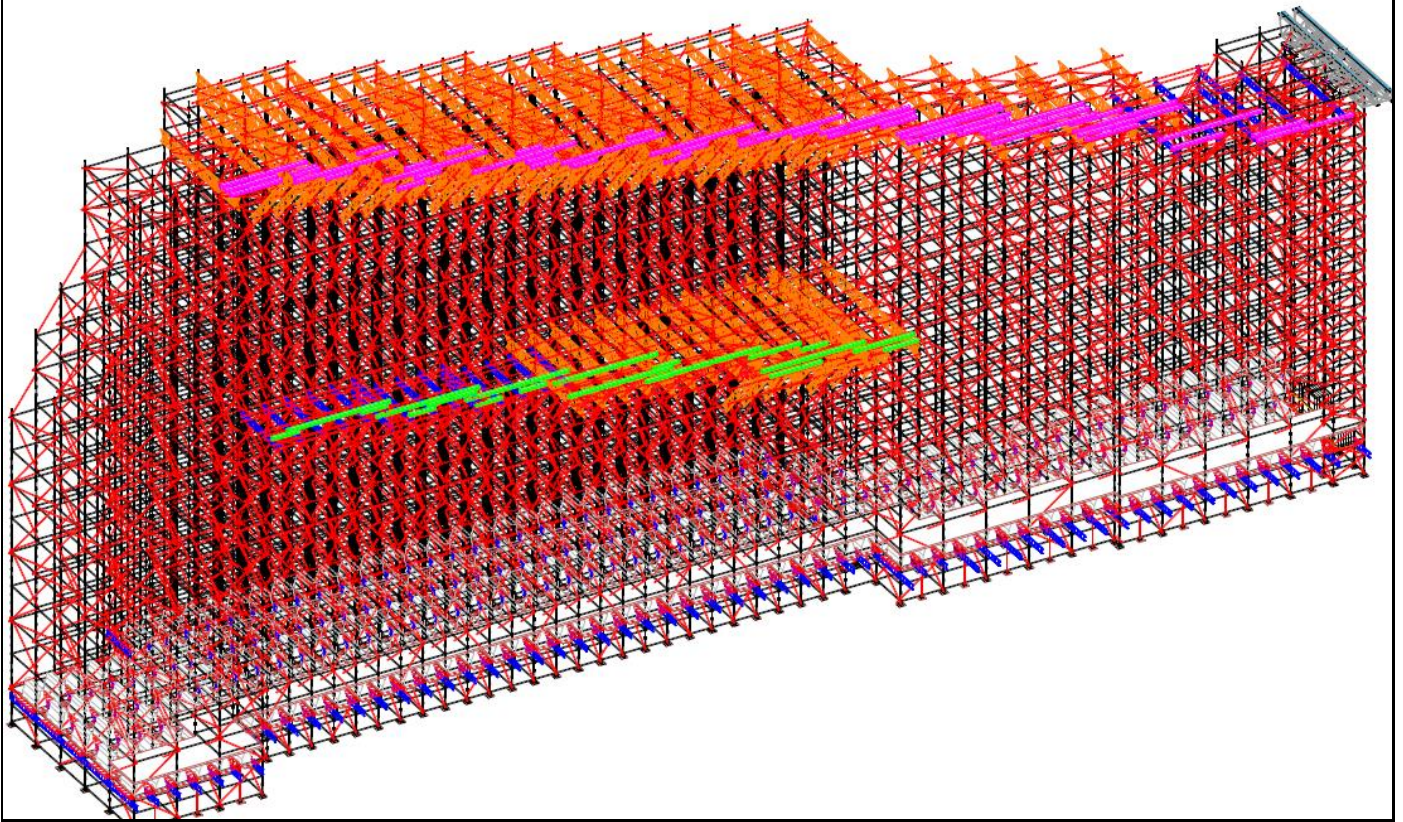
Key plan of Proposed Right wing



Proposed Right wing structure (Plan Layout)



Proposed Right wing structure (Elevation & Section View)



Proposed wing structure (3D view)

2. MATERIALS

Sr. No.	Member	Remarks	Grade (N/mm ²)
1	CHS 48.3 X 3.2	Horizontals, Verticals & Bracing Members	S235
2	Double CHS 48.3 X 3.2	Verticals	S235

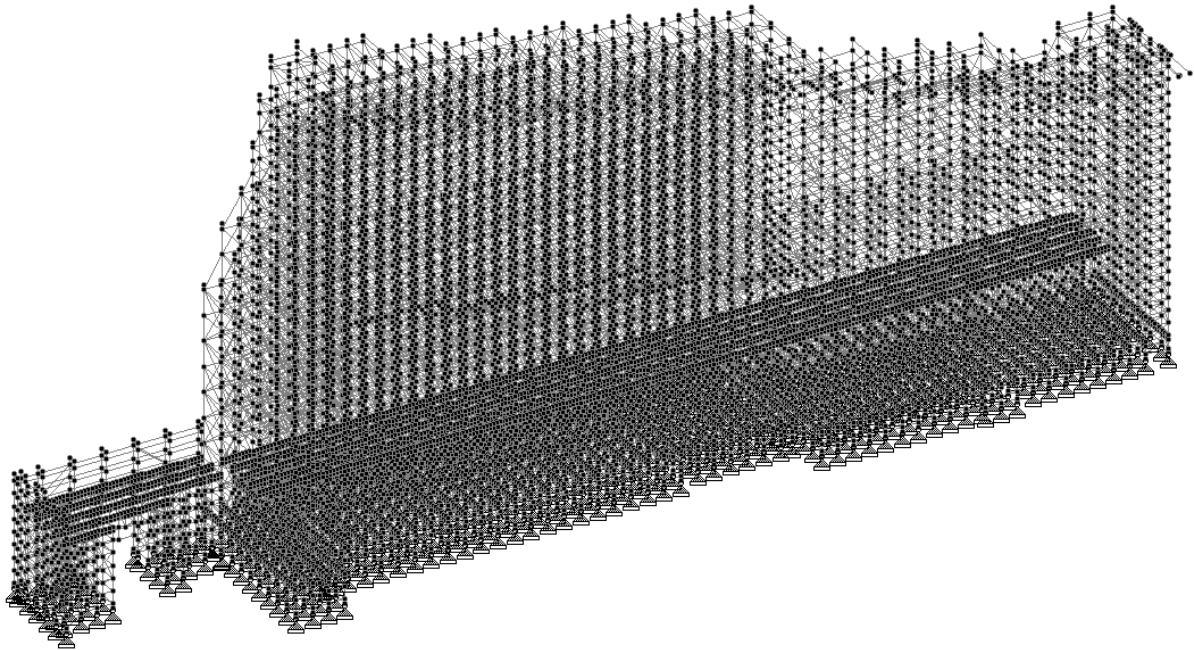
3. CODES CONSIDERED

Following codes are referred for analysis and design of MDL Beast scaffold structure.

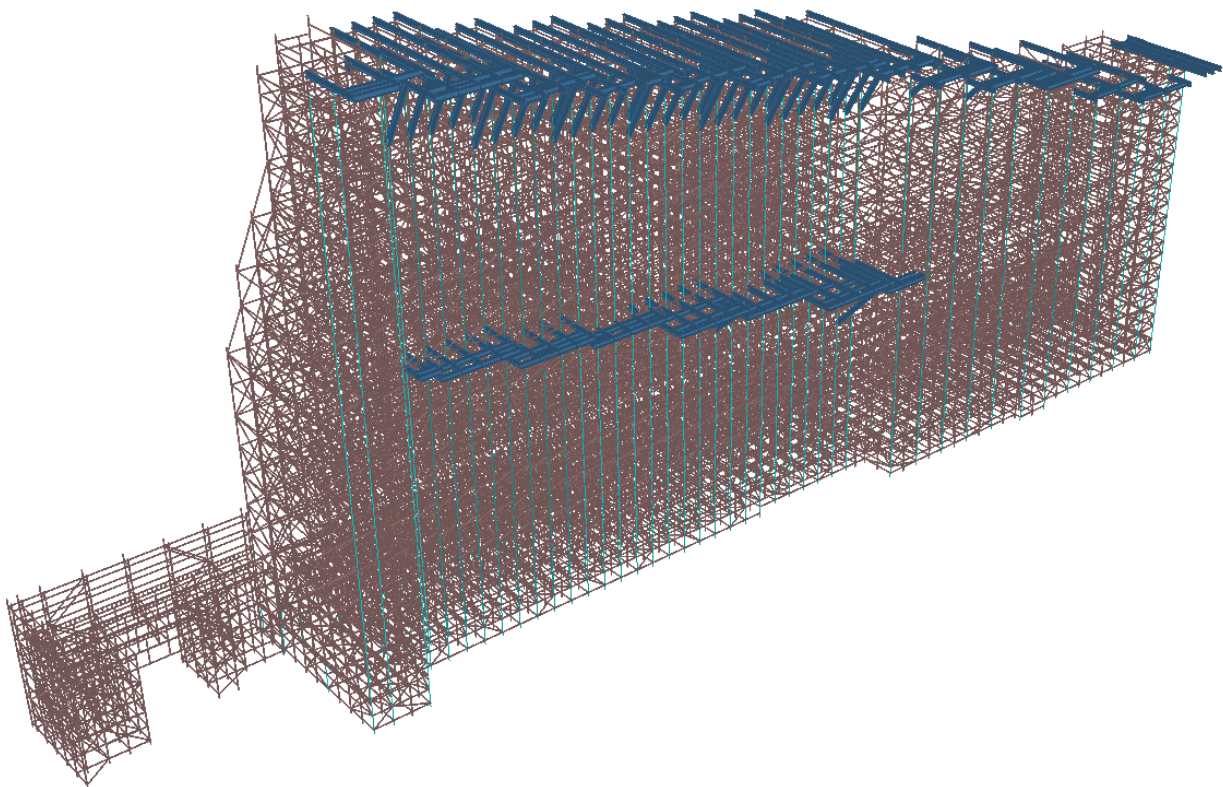
- BS EN 1990 Euro code Basis of Structural Design
- BS EN 1991 Euro code 1 Actions on Structures
- BS EN 1993 Euro code 3 Design of Steel Structures
- BS EN 12811-1:2003 Temporary works equipment - Part 1: Scaffolds Performance Requirements and general design
- BS 5950-1:2000, Structural use of steelwork in building
- Temporary Demountable Structures, Guidance on procurement, design & use

4. STAAD MODELING OF SCAFFOLD STRUCTURE

Refer below images showing normal & render 3D view of MDL Beast scaffold structure modeled in STAAD Pro software.

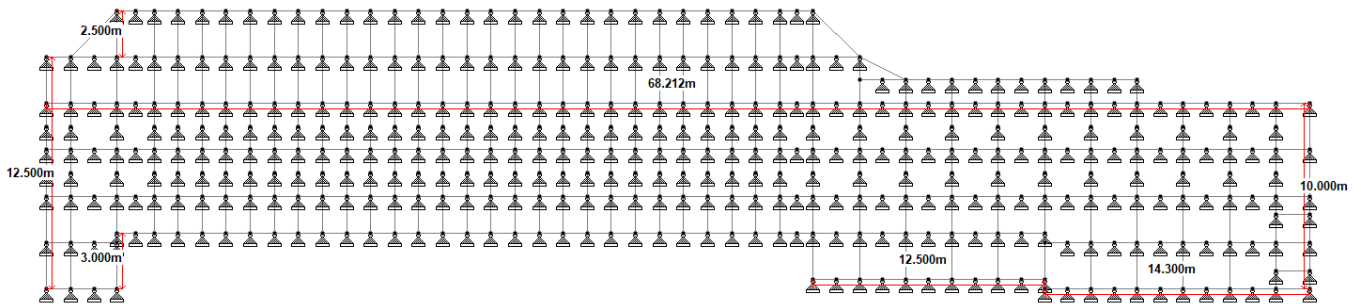


3D view of STAAD Pro model

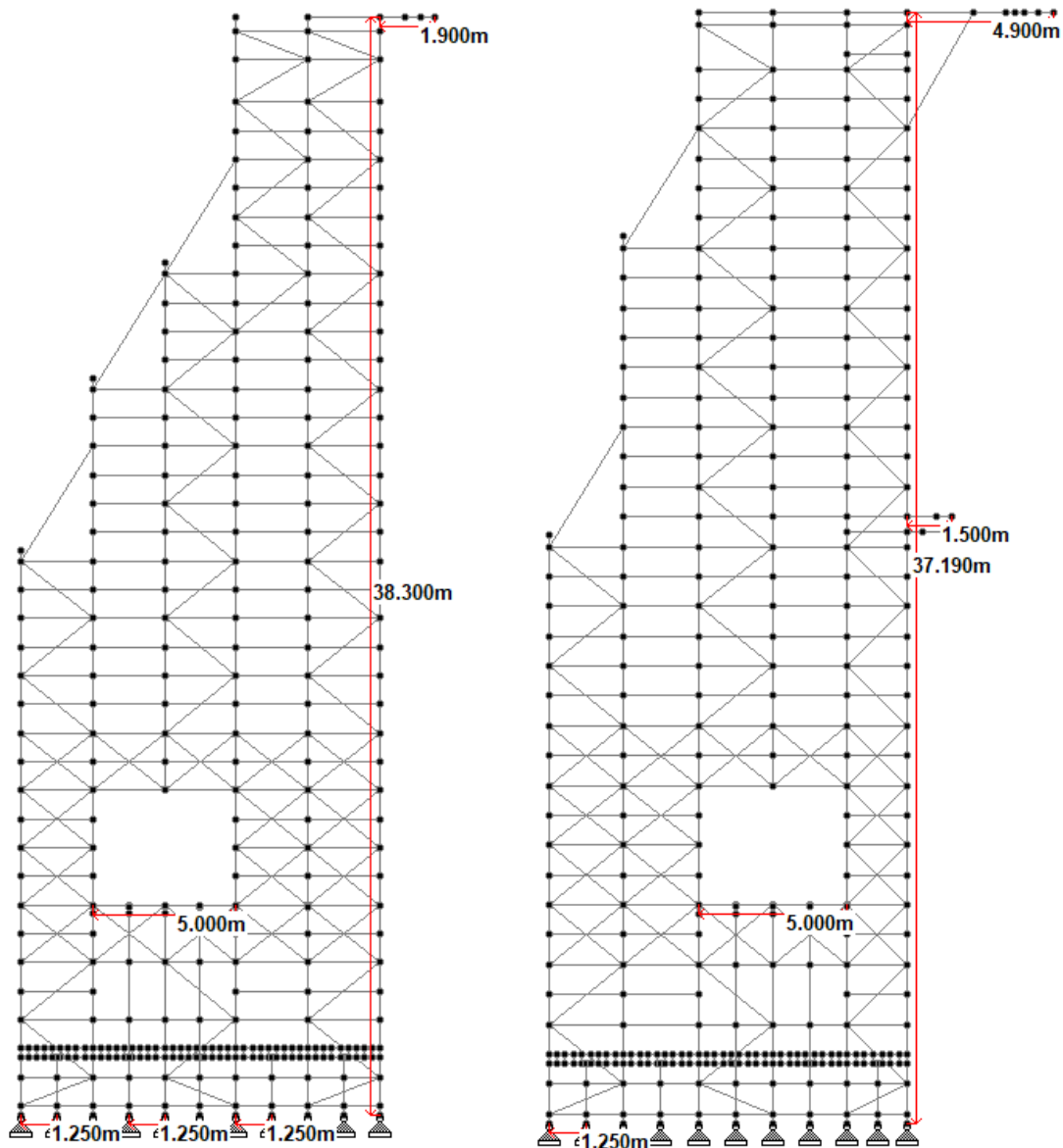


3D render view of STAAD Pro model

4.1. Geometry Data



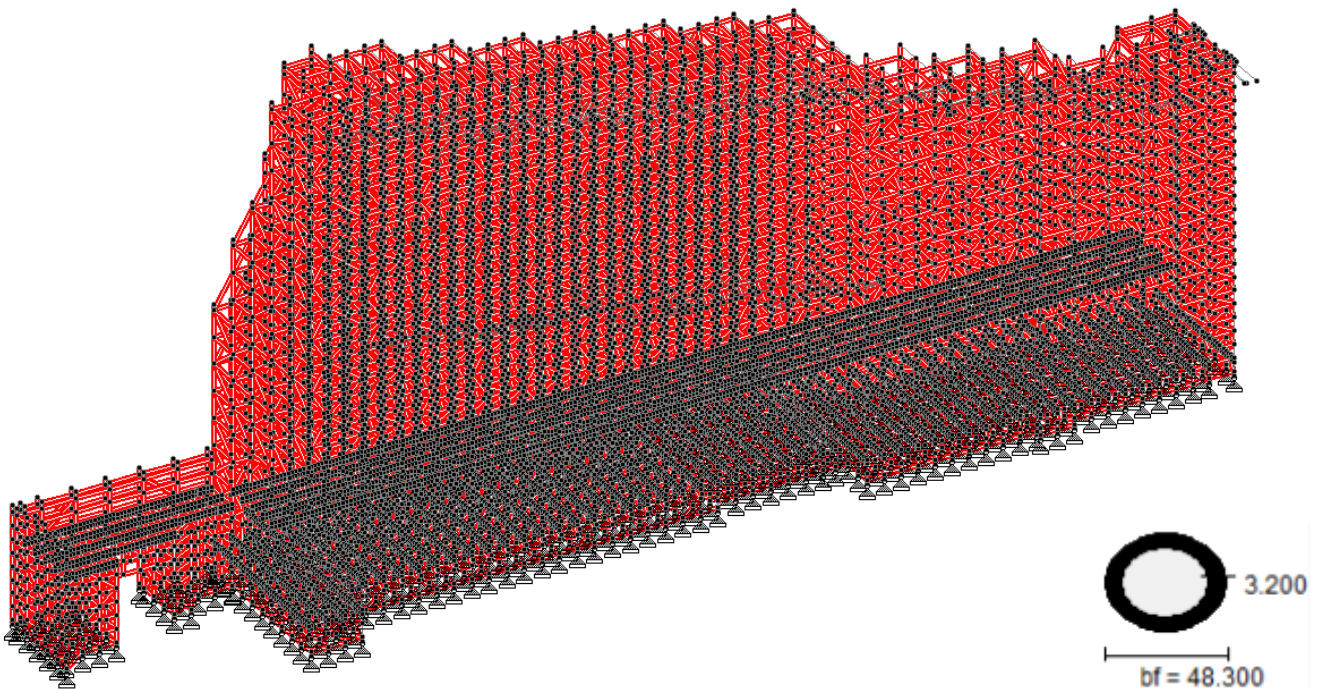
Plan Dimensions



Section Dimensions

4.2. Member Properties

1. CHS 48.3 x 3.2 – Horizontals, Verticals & Bracings



AL Laith_MDL_RIGHT WING - Beam

Geometry Property Loading Shear Bending Deflection Design Property Steel Design

Beam no. = 24999. Section: 48.3X3.2CHS

Length = 2.500m

48.300mm

3.200mm

bf = 48.300mm

Section diagrams are approximate representation and not to the scale.

Physical Properties

Ax(mm ²)	453.000	Ix(mm ⁴)	231710.578
Ay(mm ²)	226.697	Iy(mm ⁴)	115898.789
Az(mm ²)	226.697	Iz(mm ⁴)	115898.789
D(mm)	48.300	W(mm)	48.300

Assign/Change Property

Material Properties

Elasticity(kN/m ²)	205000880.000	Density(kN/m ³)	77.000
Poisson	0.3	Alpha	1.2e-05

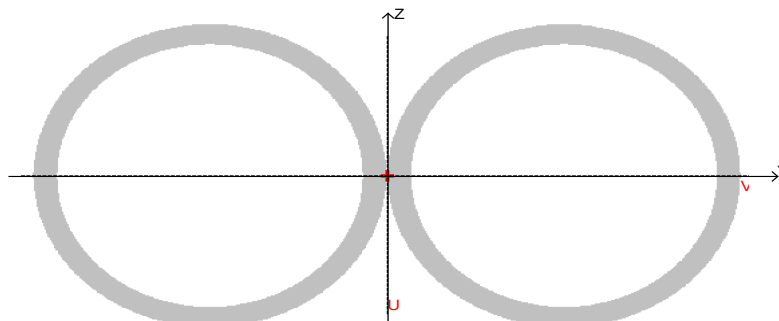
STEEL_275_N

Assign Material

Print Close

2. Double CHS 48.3 x 3.2 – Verticals

Member is created in section wizard tool of STAAD. Below summary shows properties of this section generated in section wizard.

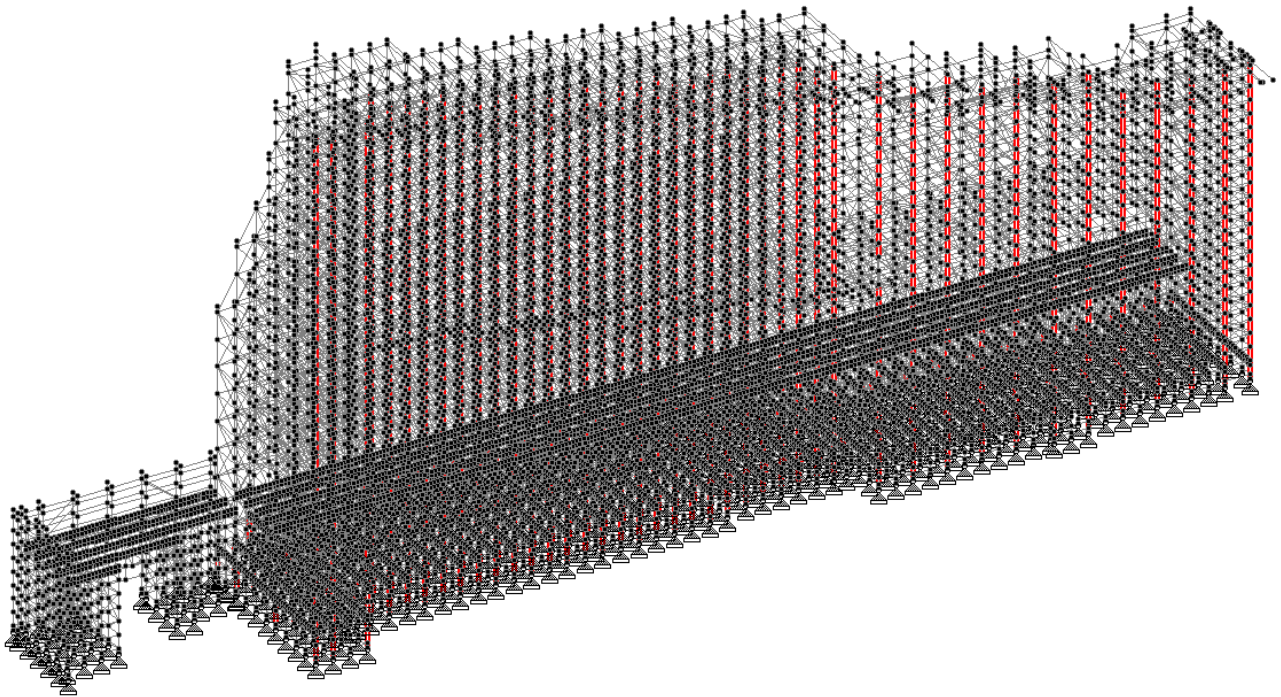


Section element	Rotation angle	Mirror	Material	E (kN/mm ²)
Circular Hollow Sections 48.3x3.2			Steel	205.0
Circular Hollow Sections 48.3x3.2			Steel	205.0

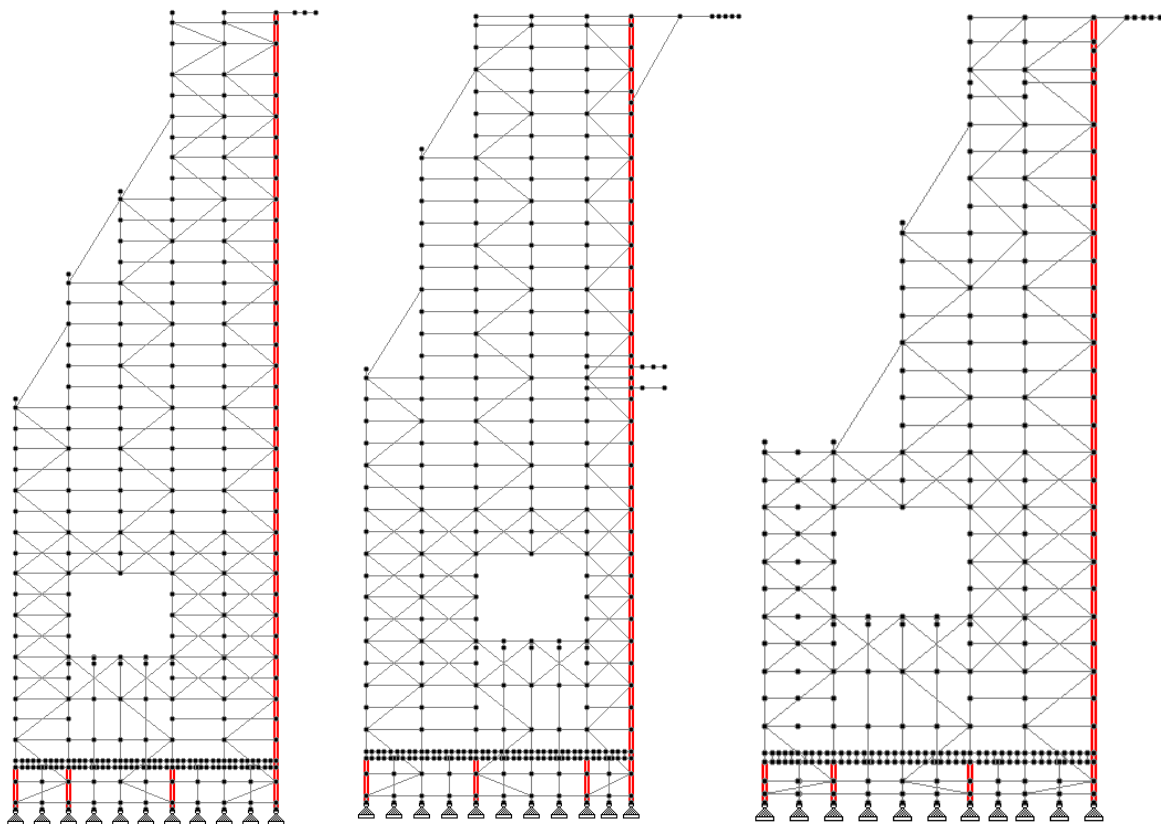
The overall dimensions of the section are 96 x 48 mm

Basic geometry of the section

Parameter	Value	
A	Cross sectional area	906.79 mm ²
a	Angle between Y-Z and U-V axes	-90.0 deg
I _y	Moment of inertia about axis parallel to Y passing through centroid	231712.98 mm ⁴
I _z	Moment of inertia about axis parallel to Z passing through centroid	760572.87 mm ⁴
I _t	Torsional moment of inertia (St. Venant)	463425.97 mm ⁴
i _y	Radius of gyration about axis parallel to Y passing through centroid	15.99 mm
i _z	Radius of gyration about axis parallel to Z passing through centroid	28.96 mm
W _{u+}	Elastic modulus about U-axis (+ve extreme)	15746.85 mm ³
W _{u-}	Elastic modulus about U-axis (-ve extreme)	15746.85 mm ³
W _{v+}	Elastic modulus about V-axis (+ve extreme)	9594.74 mm ³
W _{v-}	Elastic modulus about V-axis (-ve extreme)	9594.74 mm ³
W _{pl,u}	Plastic modulus about axis parallel to U-axis	21634.59 mm ³
W _{pl,v}	Plastic modulus about axis parallel to V-axis	12807.79 mm ³
I _u	Moment of inertia about U-axis	760572.87 mm ⁴
I _v	Moment of inertia about V-axis	231712.98 mm ⁴
i _u	Radius of gyration about U-axis	28.96 mm
i _v	Radius of gyration about V-axis	15.99 mm
a _{u+}	Centroid to edge of compression zone along +ve U-axis	10.58 mm
a _{u-}	Centroid to edge of compression zone along -ve U-axis	10.58 mm
a _{v+}	Centroid to edge of compression zone along +ve V-axis	17.37 mm
a _{v-}	Centroid to edge of compression zone along -ve V-axis	17.37 mm
y _M	Distance to centroid along Y-axis	0.0 mm
z _M	Distance to centroid along Z-axis	-0.0 mm
y _P	Distance to equal area axis along Y-axis	0.0 mm
z _P	Distance to equal area axis along Z-axis	-0.0 mm
I _{yz}	Moment of inertia Iyz in the user coordinates	0.0 mm ⁴
u _P	Distance to equal area axis along U-axis	0.0 mm
v _P	Distance to equal area axis along V-axis	0.0 mm



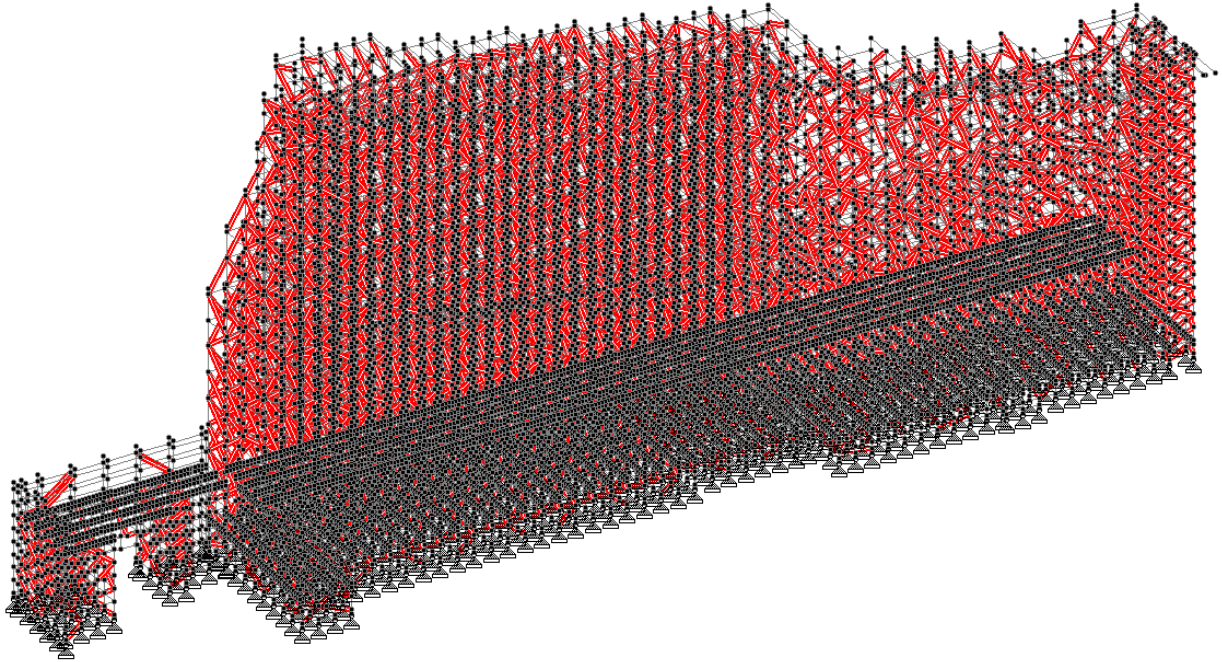
3D View



Section View

4.3. Member Specifications

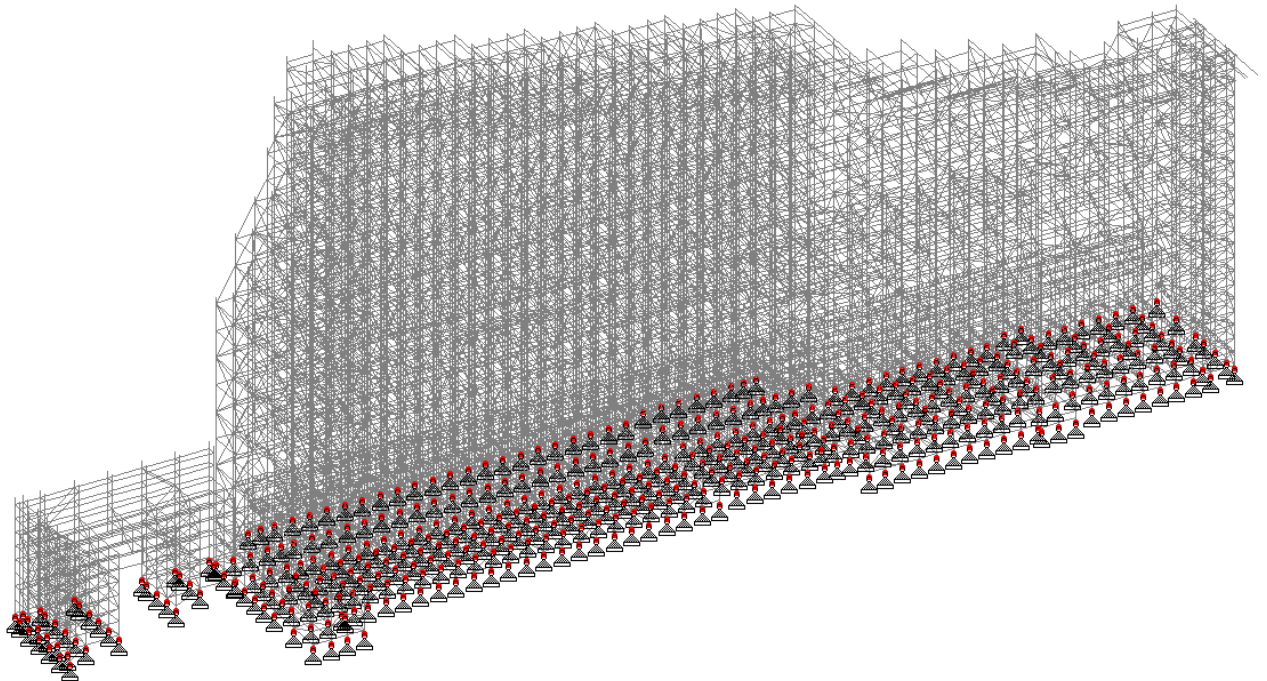
Refer below image shows tension member applied on bracing.



Tension Member

4.1. Support Condition

Below image shows Pin support assigned at base of MDL Beast scaffold structure.



Pin Supports

5. LOADING

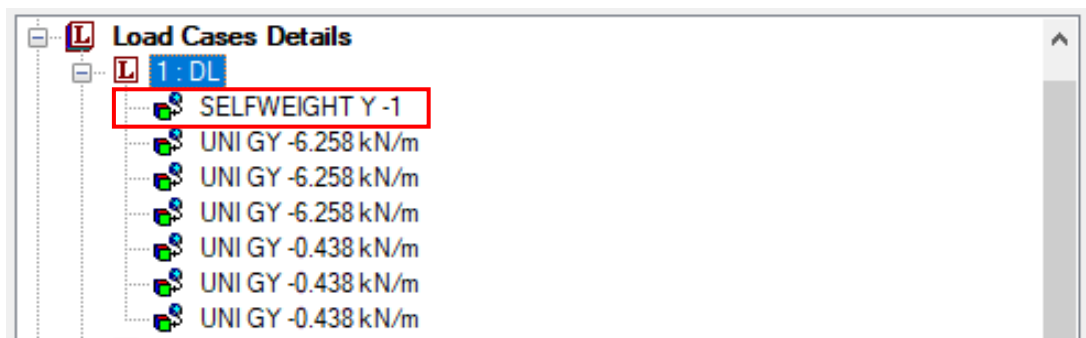
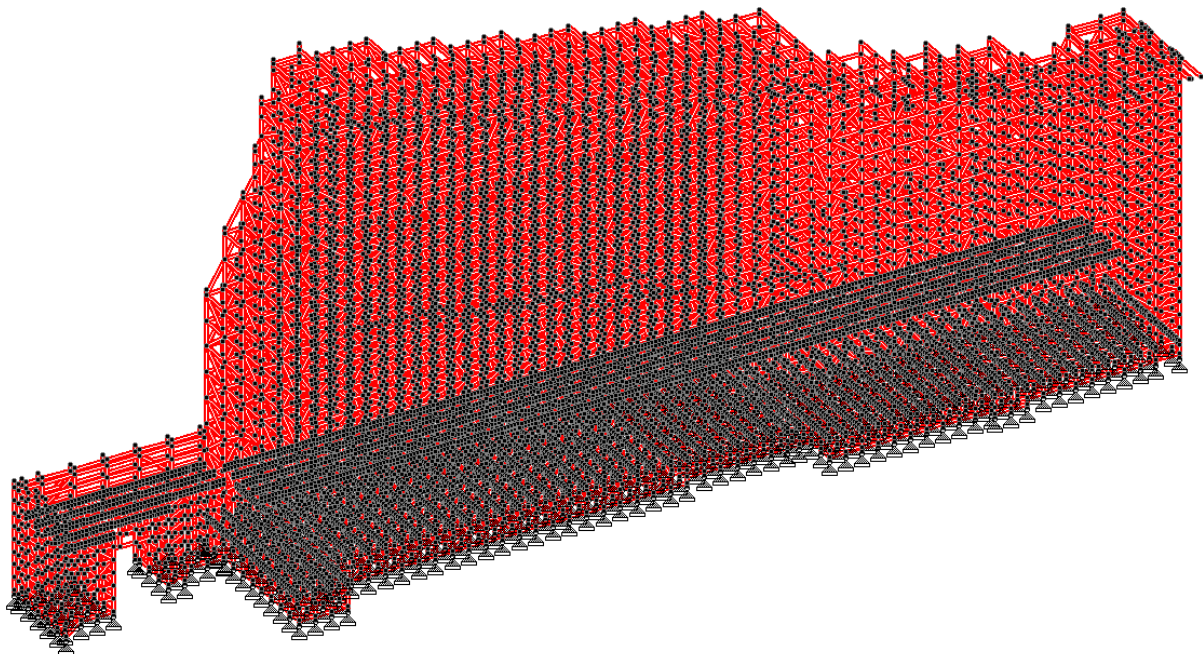
Load cases:

1. DL: Dead Load
2. LL: Live load
3. Wind X: Wind in (Positive) X-direction @ 25 m/s
4. Wind-X: Wind in (Negative) X-direction @ 25 m/s
5. Wind Z: Wind in (Positive) Z-direction @ 25 m/s
6. Wind-Z: Wind in (Negative) Z-direction @ 25 m/s

5.1. DL: Dead Load

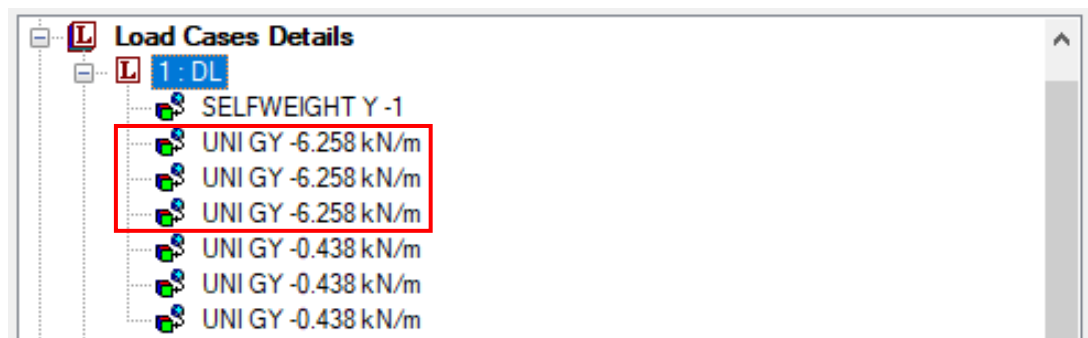
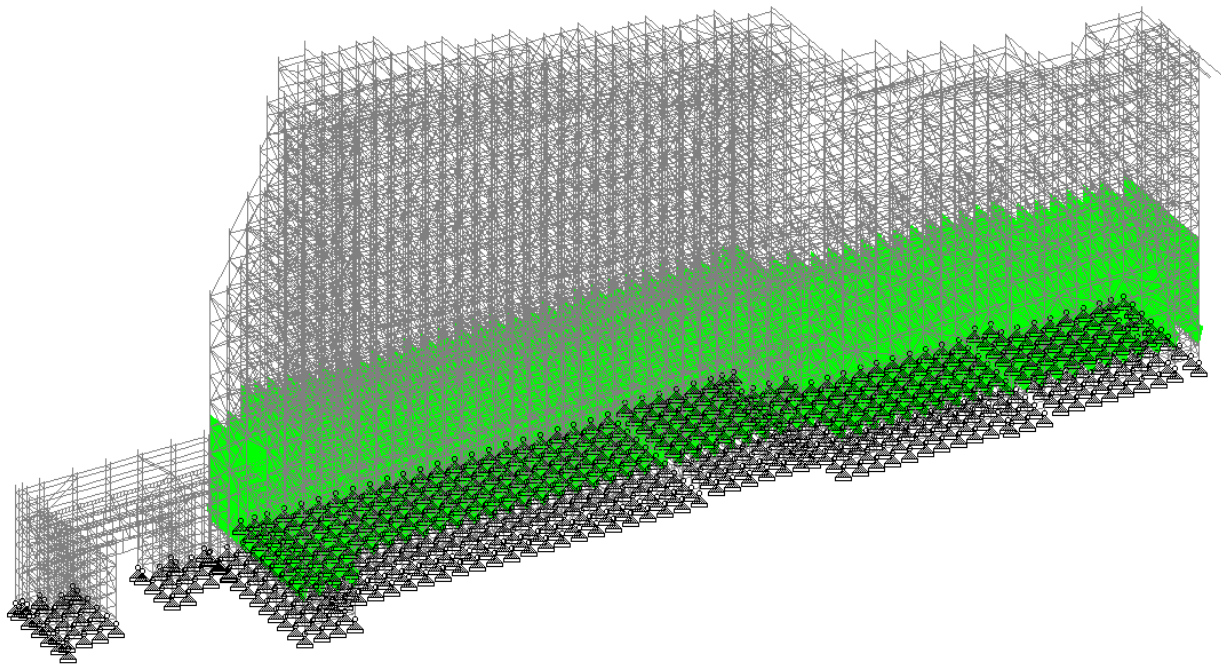
1. Self weight

Self weight of scaffold structure including weight of ladder beams, ascend beams & truss.



2. Dead Load on ladder beams of ballast platform

Self weight of 38 mm thick scaffold board	= 21.34 Kg/m ²	= 0.22 kN/m ²
	= 0.22 x 1.3 m	= 0.286 kN/m
Ballast weight	= 1493 Kg	= 14.93 kN
Considered single ballast per bay	= 14.93 kN / 2.5 m	= 5.972 kN/m
Total weight on ladder beam	= 0.286 + 5.972	= 6.258 kN/m

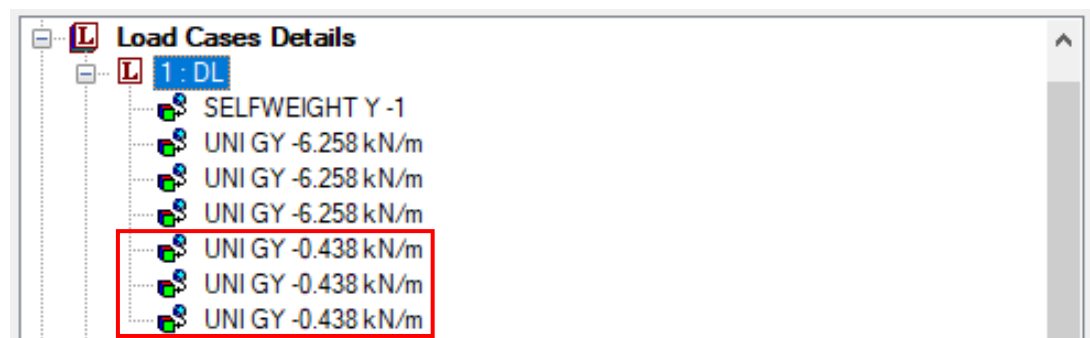
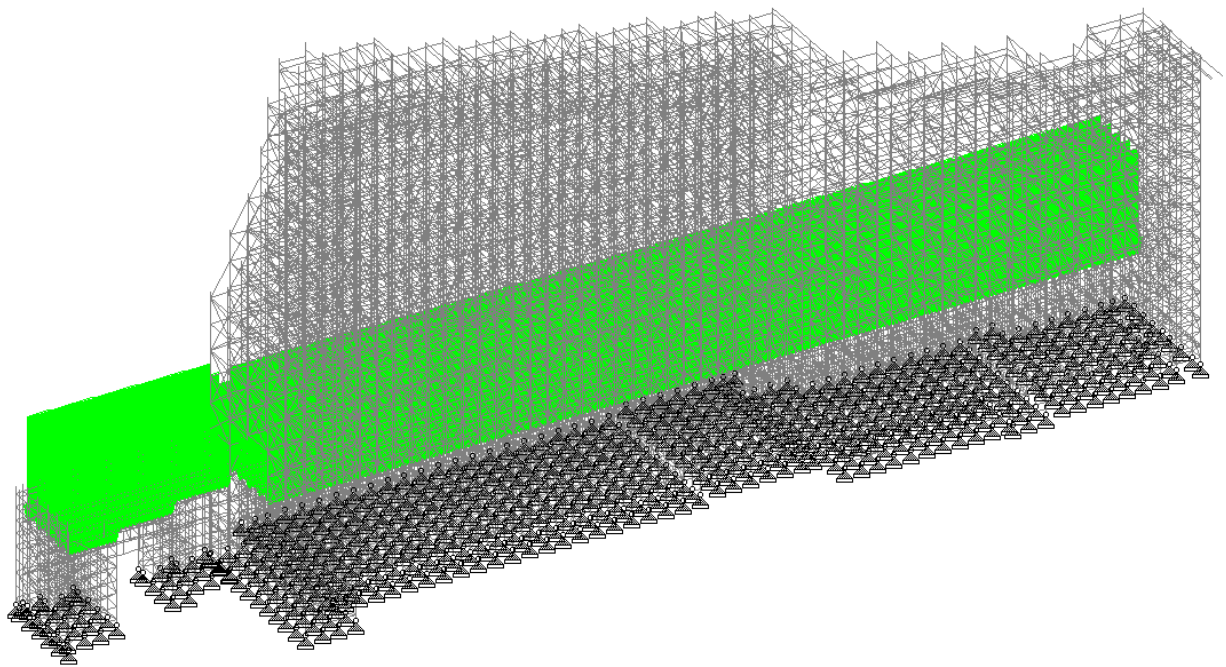


3. Dead Load on ladder beams of Buggy Route

Self weight of 38 mm thick scaffold board	= 21.34 Kg/m ²	= 0.22 kN/m ²
	= 0.22 x 1.25 m	= 0.275 kN/m

Self weight of 38 mm thick scaffold board	= 0.13 kN/m ²
	= 0.13 x 1.25 m = 0.1625 kN/m

Total weight on ladder beam	= 0.275 + 0.1625 = 0.438 kN/m
-----------------------------	-------------------------------

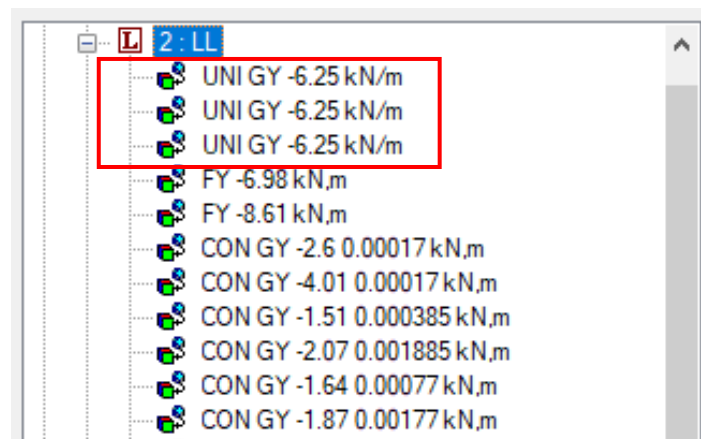
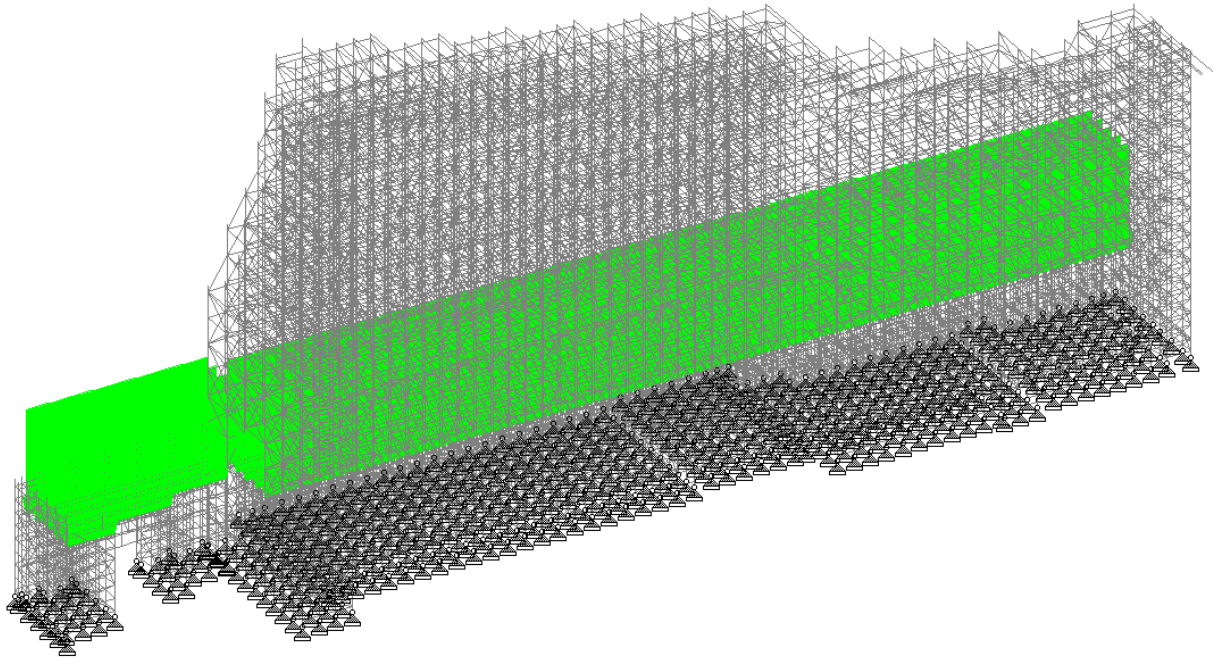


5.2. LL: Live Load

1. Live load applied on Buggy Route

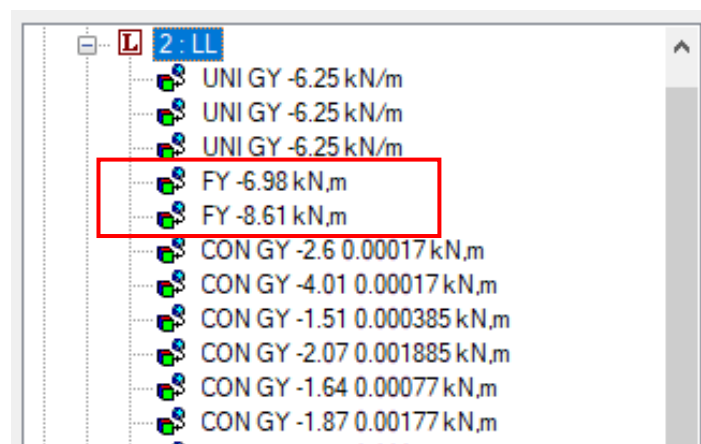
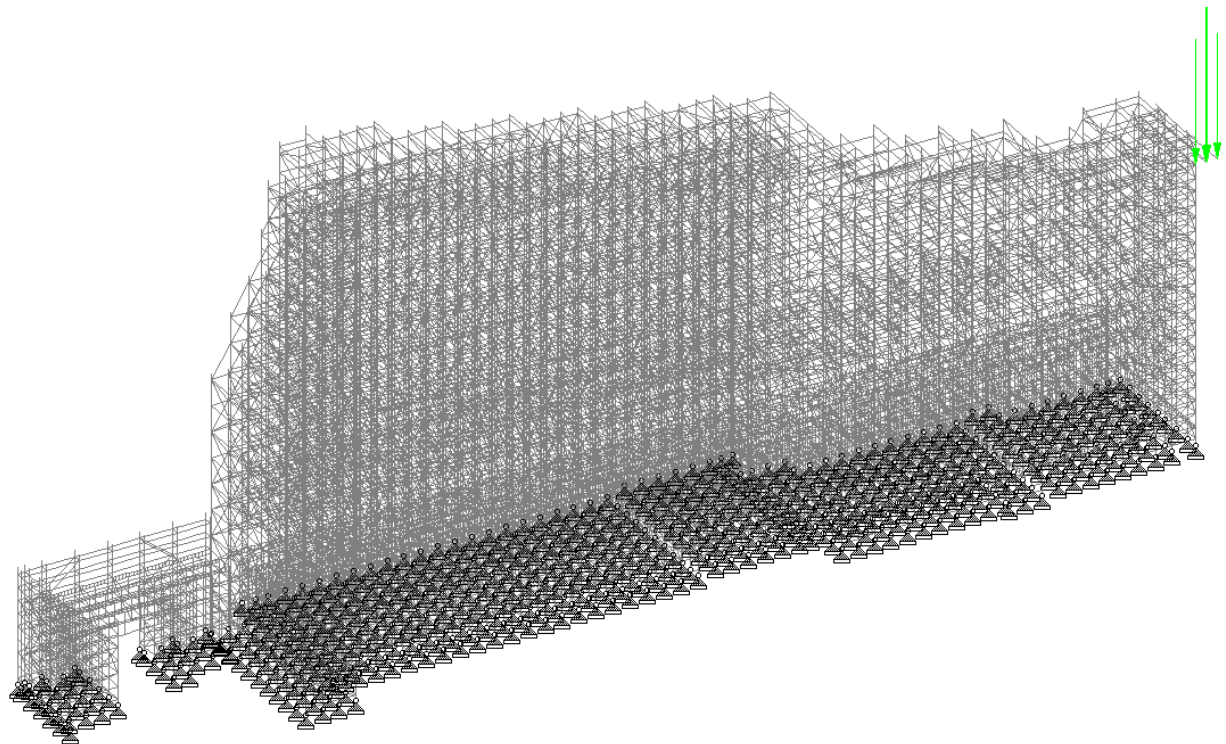
Live load on Buggy route = 5 kN/m^2

UDl on ladder beam = $5 \times 1.25 \text{ m} = 6.25 \text{ kN/m}$



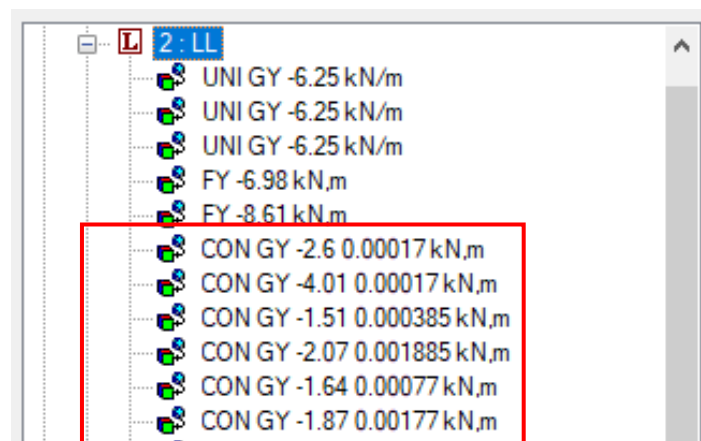
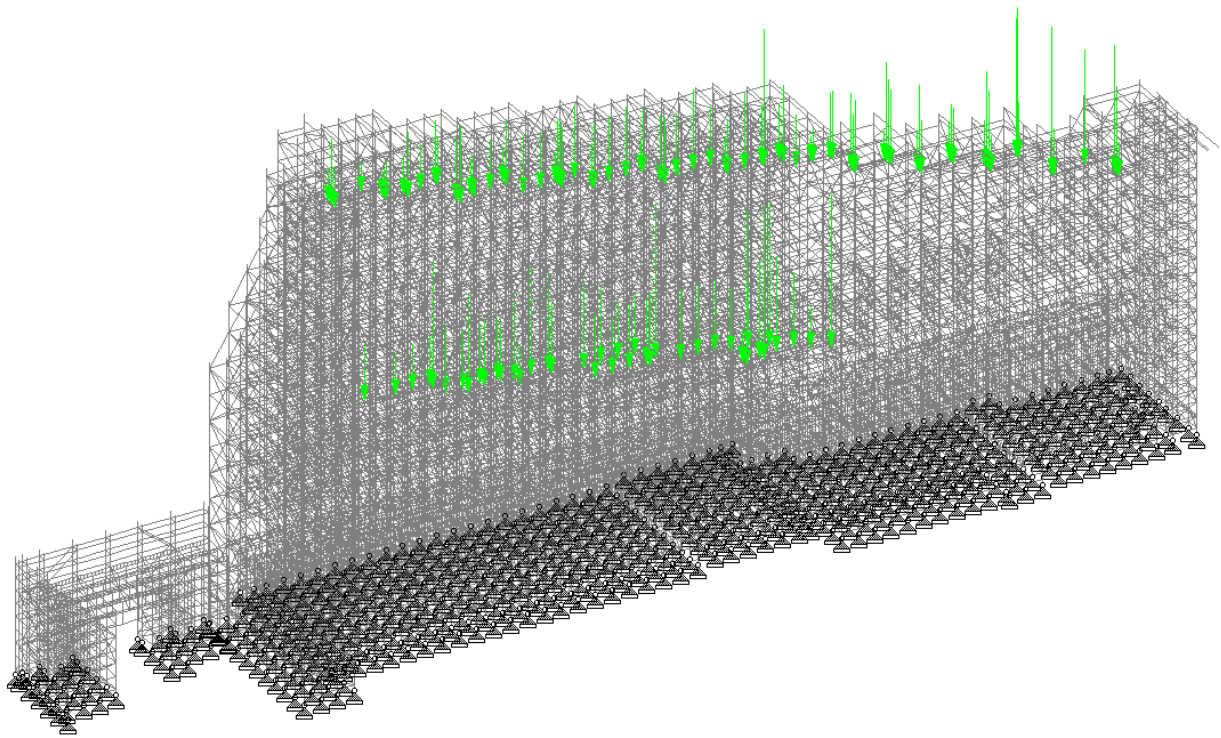
3. PF speaker load

PF speaker loading has been applied as live load.



4. Screen & Lighting load

Screen & Lighting loading has been applied as live load.



5.3. Wind Load

Wind loading for 25m/s acting to MDL Beast Scaffold Structure has been considered with following calculations:-

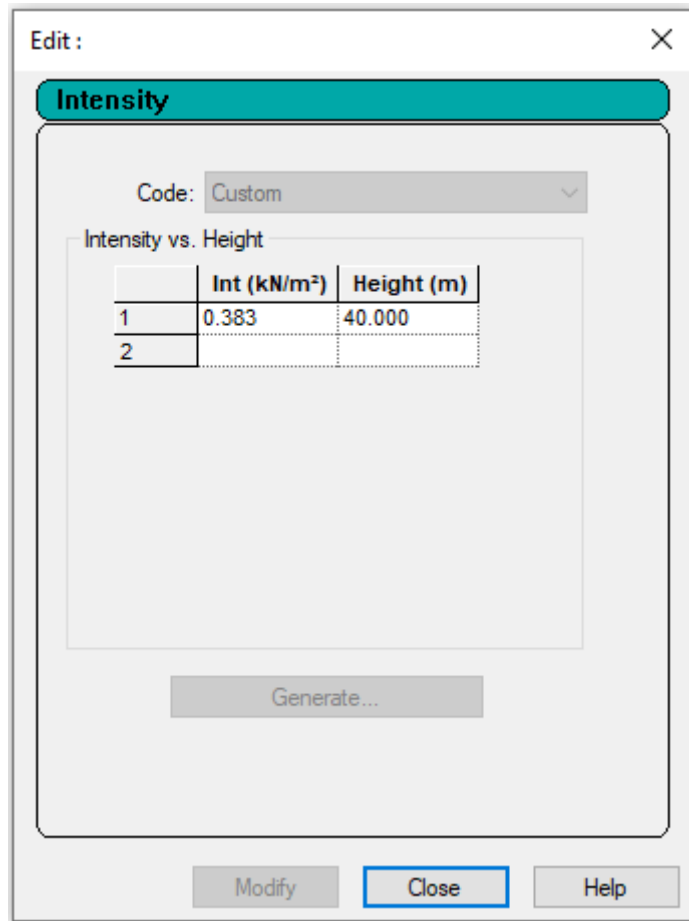
Effective Wind speed = 25 m/s

As per “Temporary Demountable Structures, Section 8, Wind Loading”,

Design Velocity Pressure $q = (0.613 \times V_e^2) / 1000$
 $= (0.613 \times 25^2) / 1000$
 $= 0.383 \text{ kN/m}^2$

Force coefficient C_f of 1.3 for cladded structure (Screen) = $0.383 \times 1.3 = 0.497 \text{ kN/m}^2$

Force coefficient C_f of 0.85 for Netted structure = $0.383 \times 0.85 = 0.326 \text{ kN/m}^2$



Intensity

Code: Custom

Intensity vs. Height

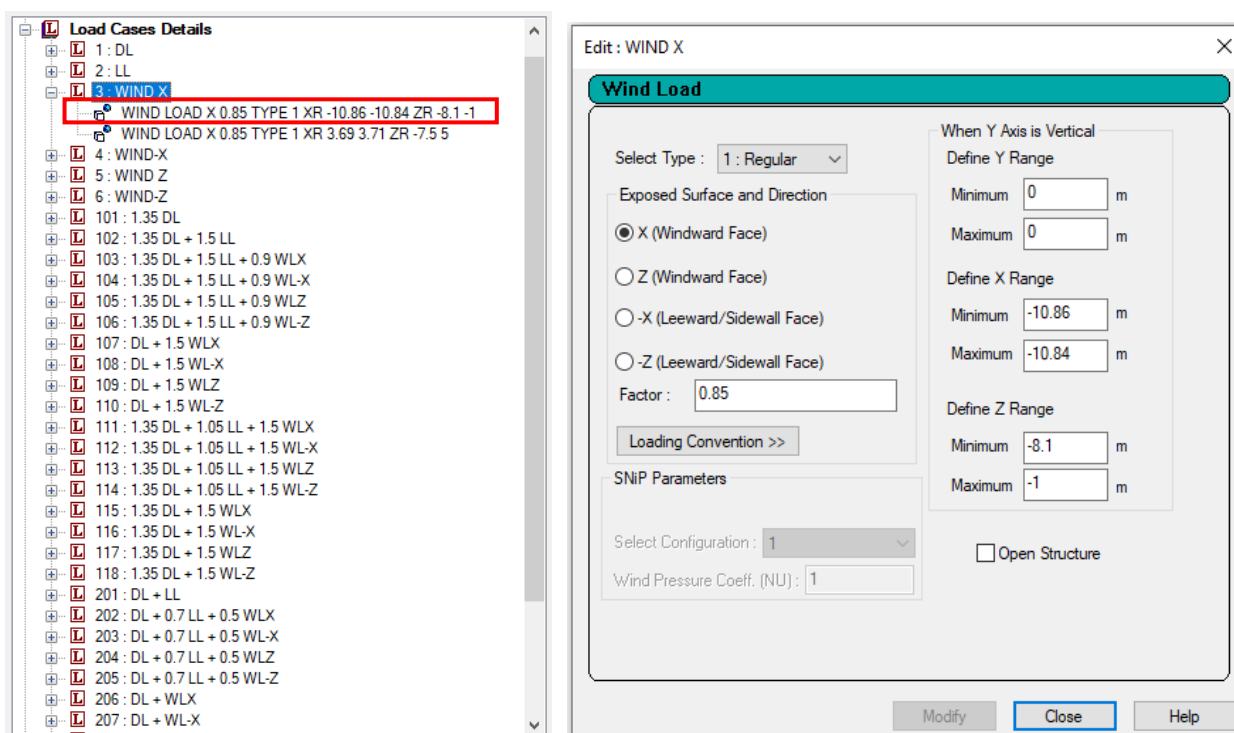
	Int (kN/m ²)	Height (m)
1	0.383	40.000
2		

Generate...

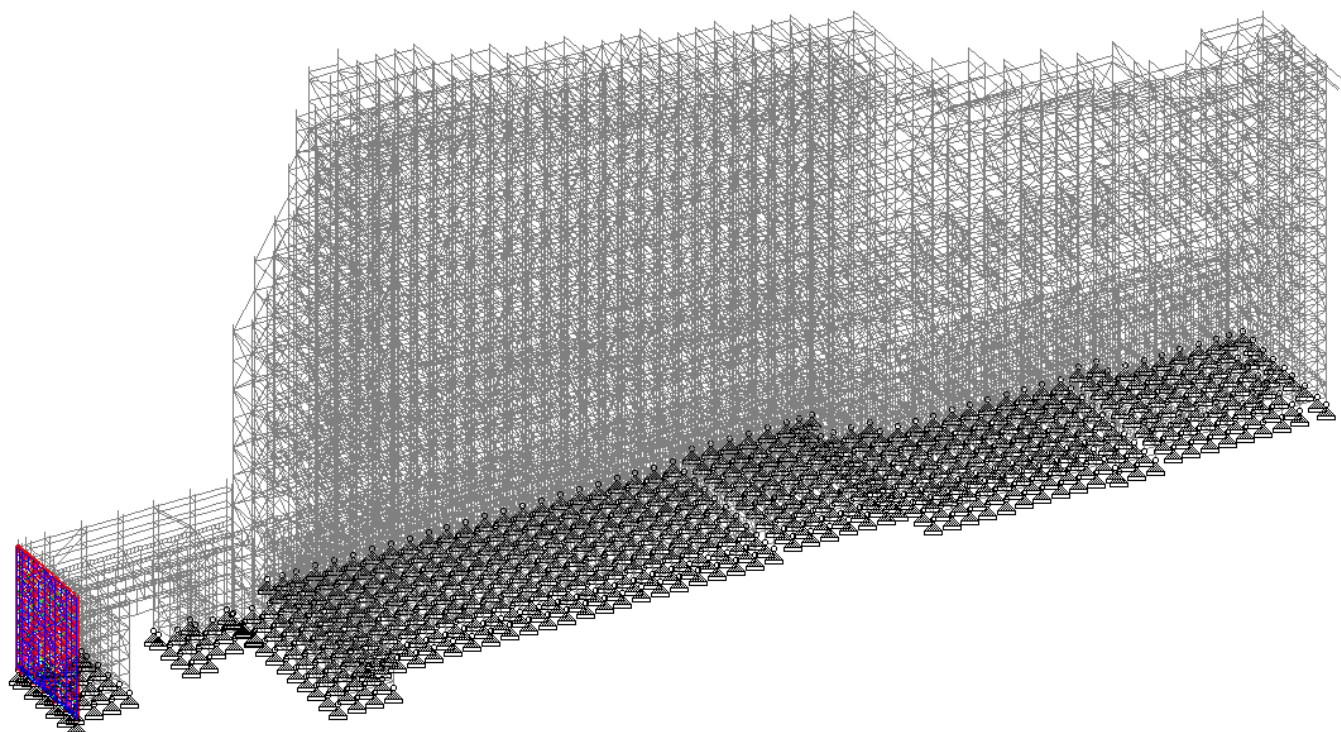
Modify Close Help

Wind load intensity

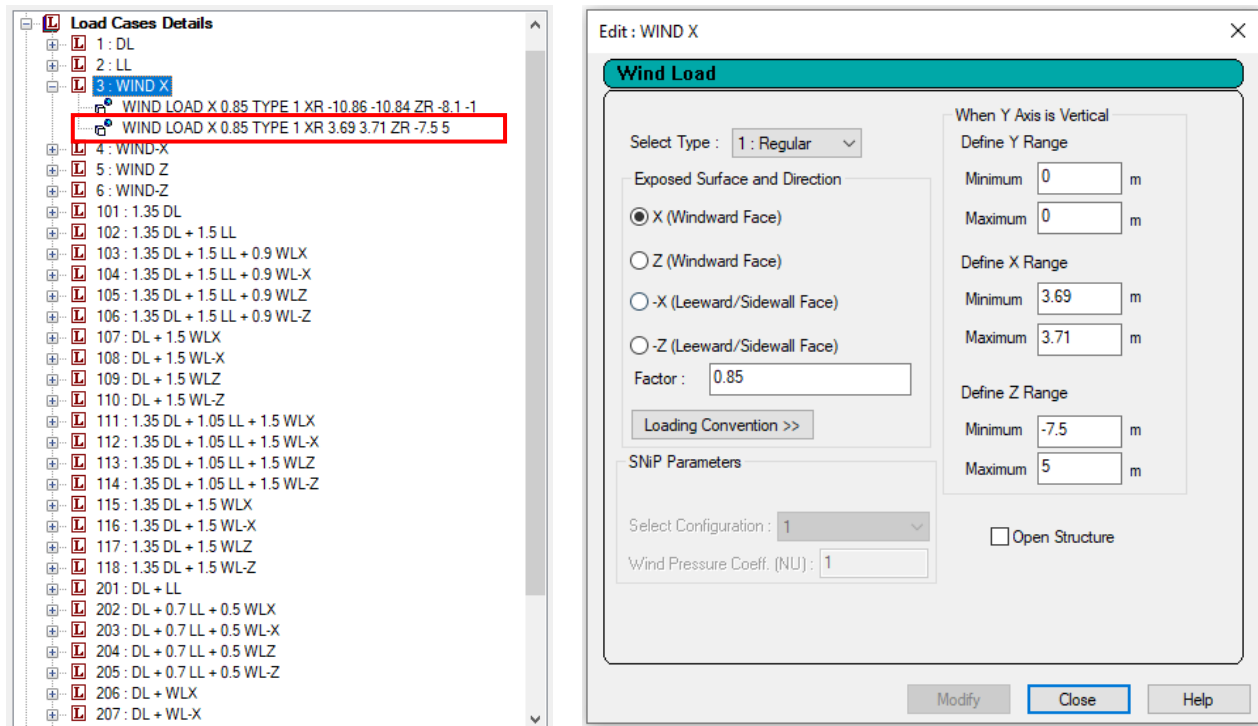
5.3.1. Wind load in (Positive) X-direction



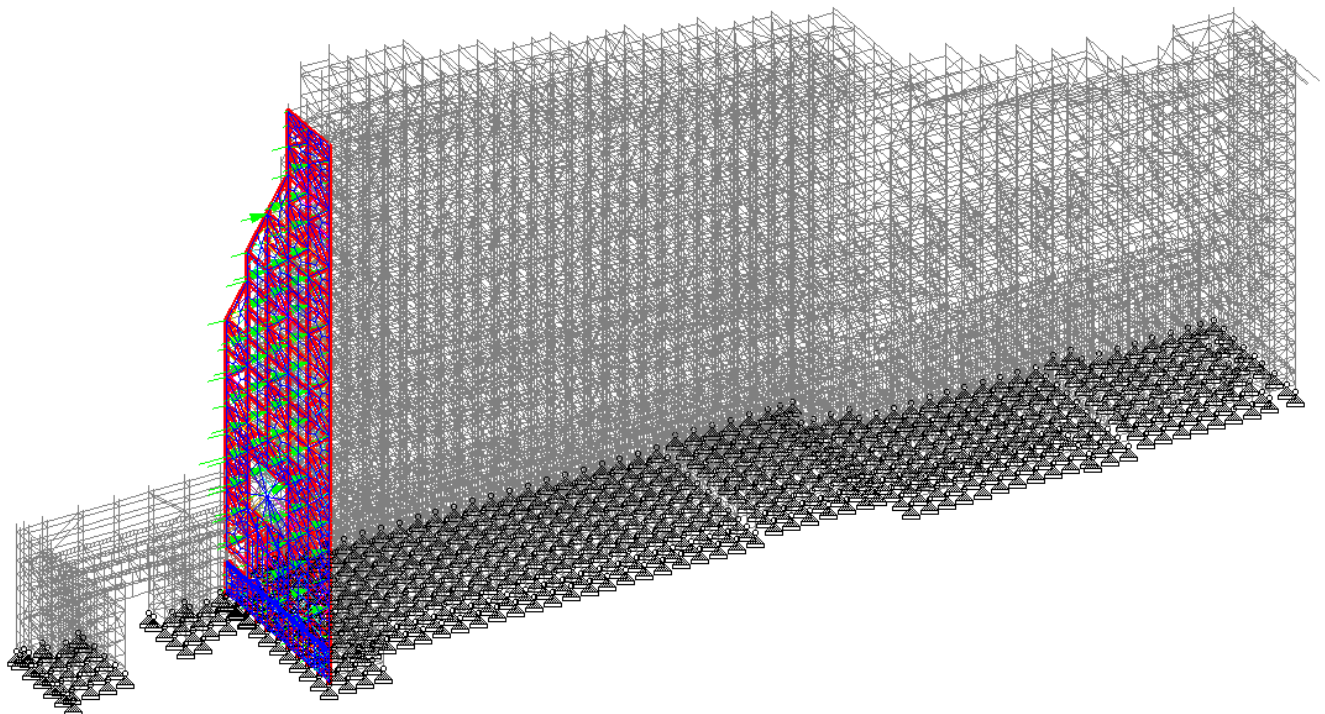
Wind load in (positive) X-Direction



Wind load in (positive) X-Direction Wind Facing side

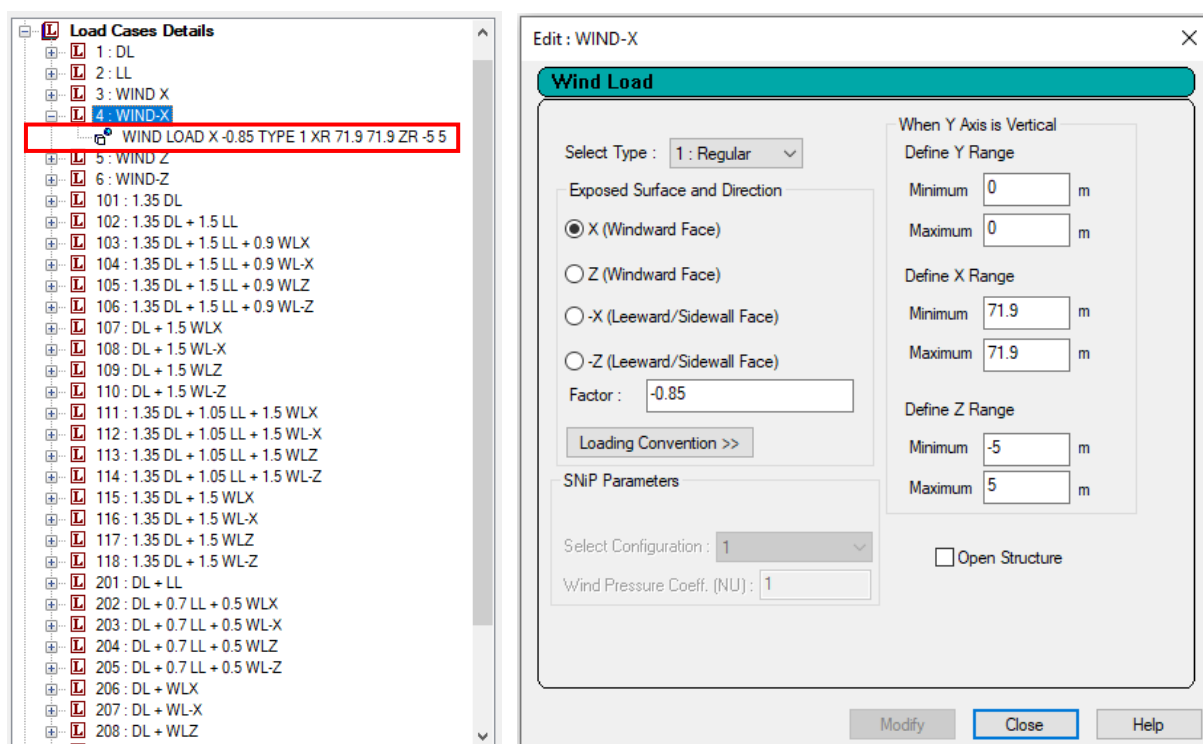


Wind load in (positive) X-Direction

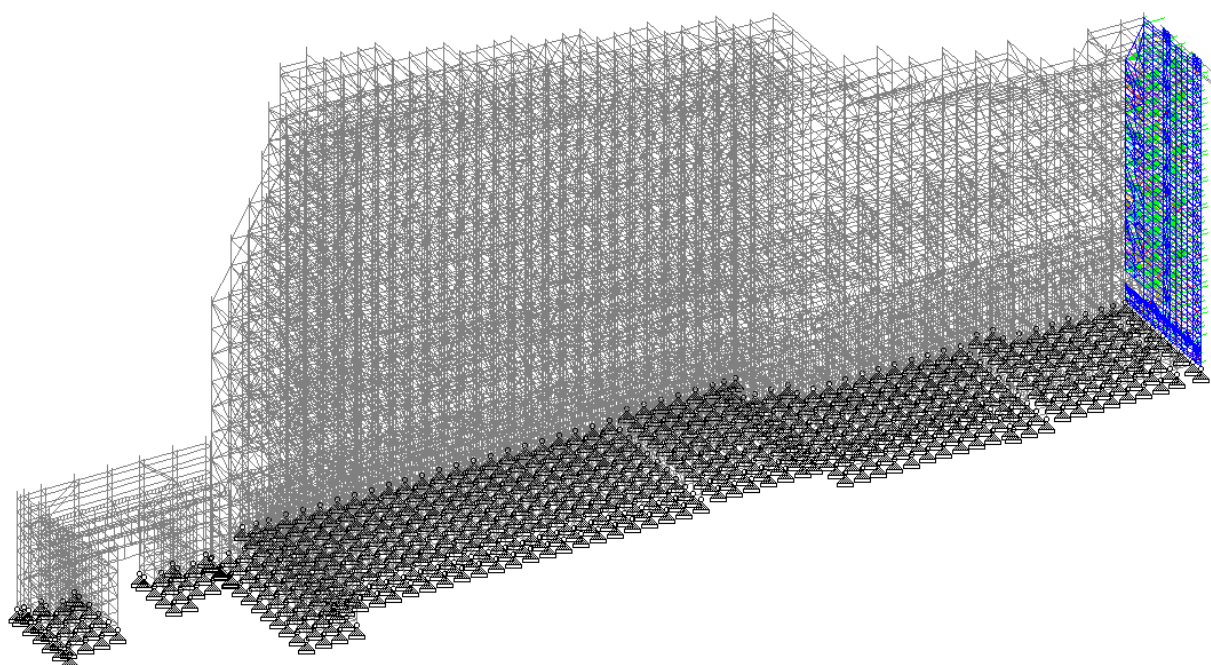


Wind load in (positive) X-Direction Wind Facing side

5.3.2. Wind load in (Negative) X-direction

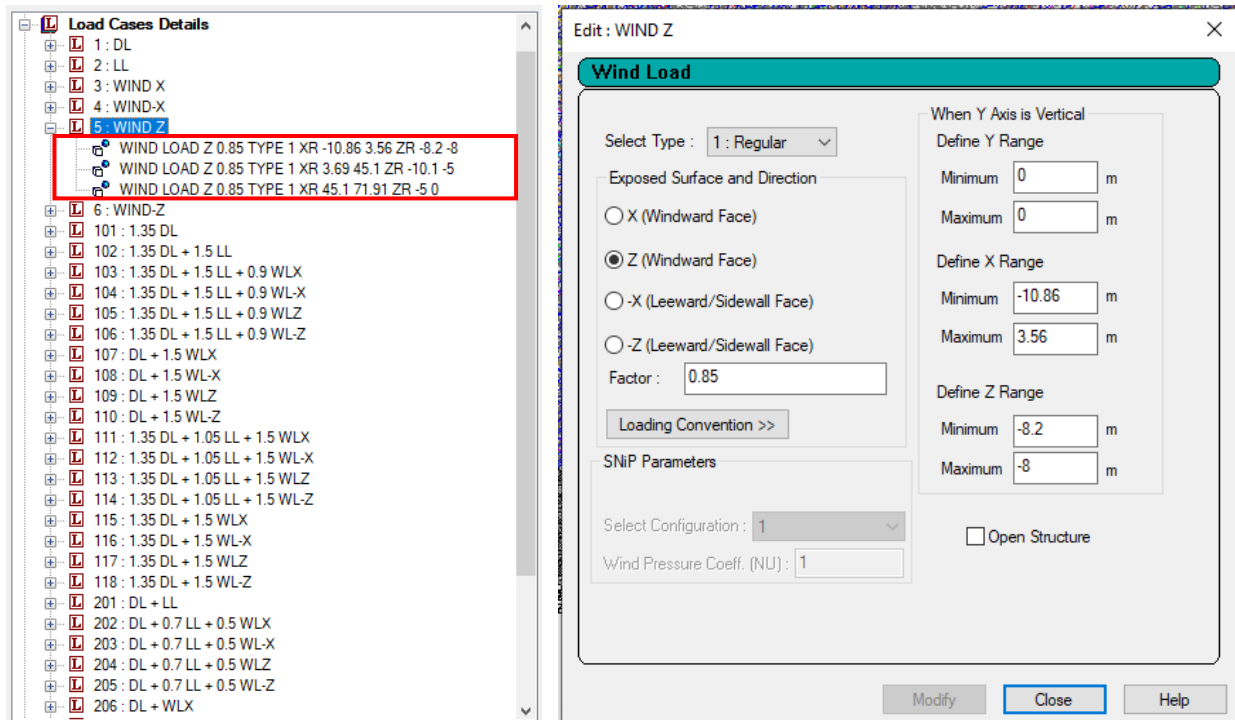


Wind load in (Negative) X-Direction

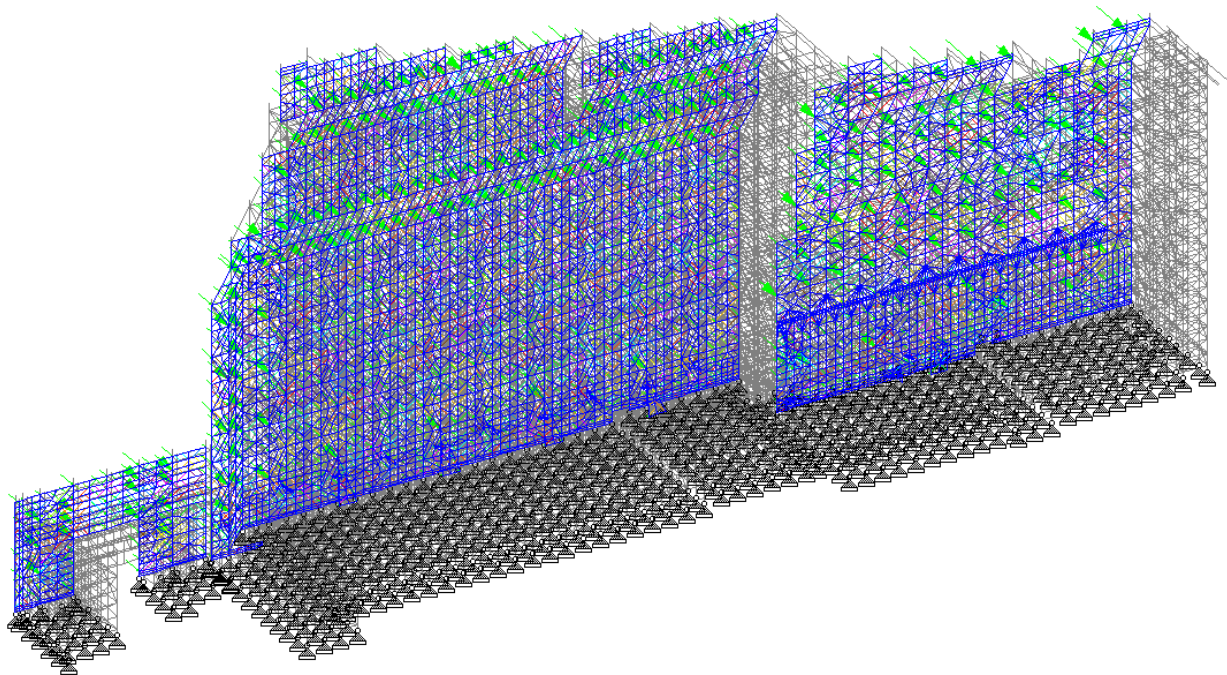


Wind load in (Negative) X-Direction Wind Facing side

5.3.3. Wind load in (Positive) Z-direction

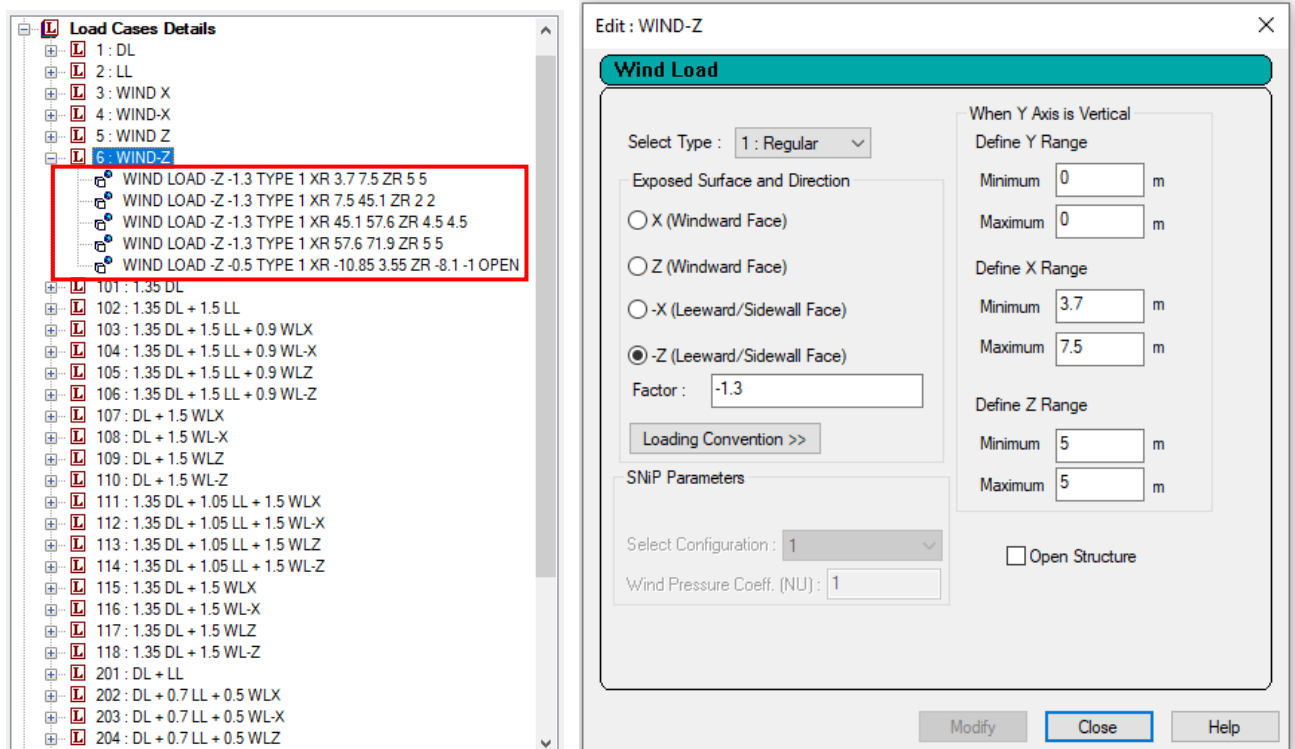


Wind load in (positive) Z-Direction

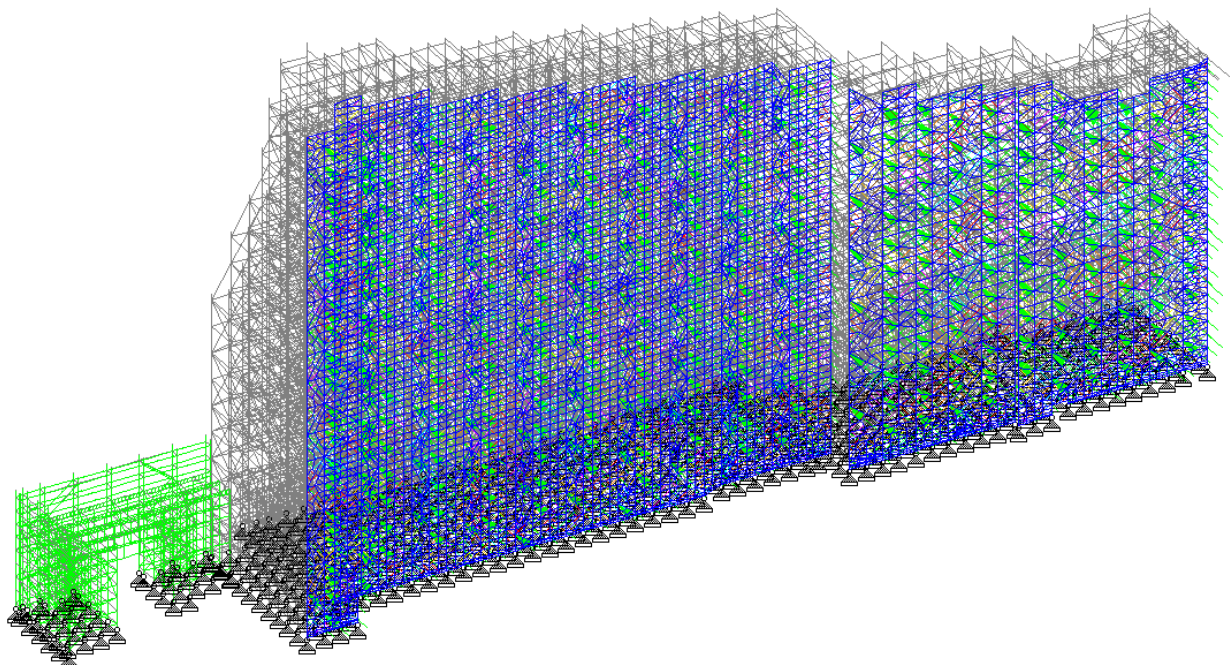


Wind load in (positive) Z-Direction Wind Facing side

5.3.4. Wind load in (Negative) Z-direction



Wind load in (Negative) Z-Direction



Wind load in (Negative) Z-Direction Wind Facing side

6. LOAD COMBINATIONS

Design load combinations:

Design load combinations (ULS: Ultimate limit state):

- 101 : 1.35 DL
- 102 : 1.35 DL + 1.5 LL
- 103 : 1.35 DL + 1.5 LL + 0.9 WLX
- 104 : 1.35 DL + 1.5 LL + 0.9 WL-X
- 105 : 1.35 DL + 1.5 LL + 0.9 WLZ
- 106 : 1.35 DL + 1.5 LL + 0.9 WL-Z
- 107 : DL + 1.5 WLX
- 108 : DL + 1.5 WL-X
- 109 : DL + 1.5 WLZ
- 110 : DL + 1.5 WL-Z
- 111 : 1.35 DL + 1.05 LL + 1.5 WLX
- 112 : 1.35 DL + 1.05 LL + 1.5 WL-X
- 113 : 1.35 DL + 1.05 LL + 1.5 WLZ
- 114 : 1.35 DL + 1.05 LL + 1.5 WL-Z
- 115 : 1.35 DL + 1.5 WLX
- 116 : 1.35 DL + 1.5 WL-X
- 117 : 1.35 DL + 1.5 WLZ
- 118 : 1.35 DL + 1.5 WL-Z

Serviceability load combinations (SLS: Serviceability Limit State):

- 201 : DL + LL
- 202 : DL + 0.7 LL + 0.5 WLX
- 203 : DL + 0.7 LL + 0.5 WL-X
- 204 : DL + 0.7 LL + 0.5 WLZ
- 205 : DL + 0.7 LL + 0.5 WL-Z
- 206 : DL + WLX
- 207 : DL + WL-X
- 208 : DL + WLZ
- 209 : DL + WL-Z
- 210 : DL + LL + 0.5 WLX
- 211 : DL + LL + 0.5 WL-X
- 212 : DL + LL + 0.5 WLZ
- 213 : DL + LL + 0.5 WL-Z

7. ANALYSIS RESULTS & DESIGN CHECKS

7.1. Deflection Check

Horizontal Deflection:-

X-Direction:

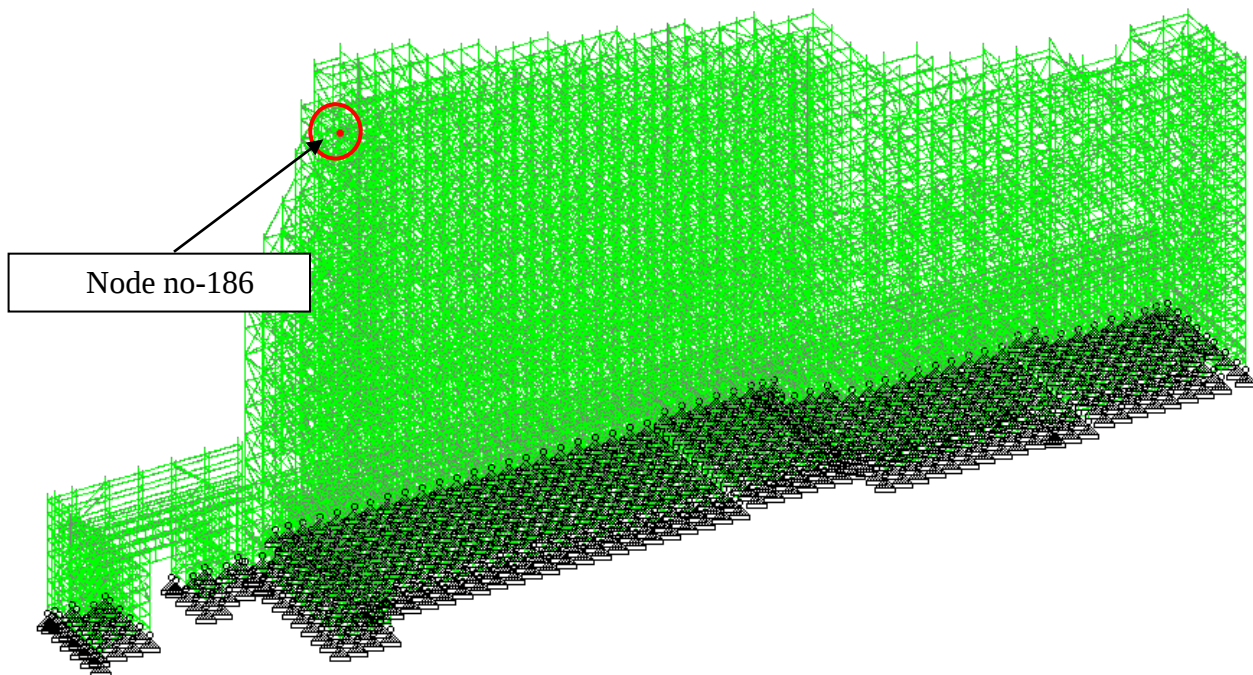
Node	L/C	X-Trans mm	Y-Trans mm	Z-Trans mm	Absolute mm	X-Rotan rad	Y-Rotan rad	Z-Rotan rad
186	206	52.269	-0.136	7.991	52.876	0.000	0.002	-0.001

From above displacement summary, Deflection diagram for DL + WLX

Maximum horizontal displacement of structure in X direction = 52.269 mm

Permissible horizontal deflection in X
 = height / 300
 = 37.19m / 300
 = 123.97 mm

Actual maximum horizontal deflection = 52.269 mm $\leq$ 123.97 mm (Hence, OK)



Horizontal deflection (X-Direction)

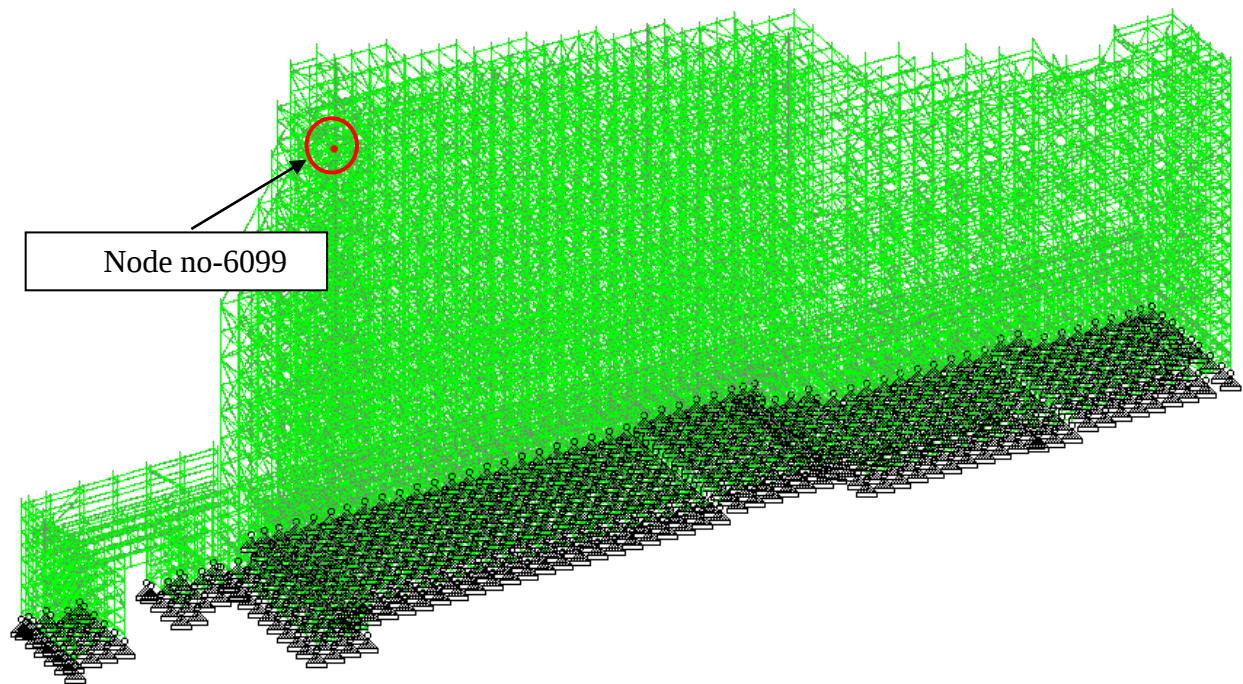
Z-Direction:

Node	L/C	X-Trans mm	Y-Trans mm	Z-Trans mm	Absolute mm	X-Rotan rad	Y-Rotan rad	Z-Rotan rad
6099	209	2.508	1.414	-73.312	73.369	-0.000	-0.000	-0.000

From above displacement summary, Deflection diagram for DL+ WL-Z
 Maximum horizontal displacement of structure in Z direction = 73.312 mm

Permissible horizontal deflection in Z = height / 300
 = 37.19 m / 300
 = 123.97 mm

Actual maximum horizontal deflection = 73.312 mm $\leq$ 123.97 mm (Hence, OK)



Horizontal deflection (Z-Direction)

Vertical Deflection:-

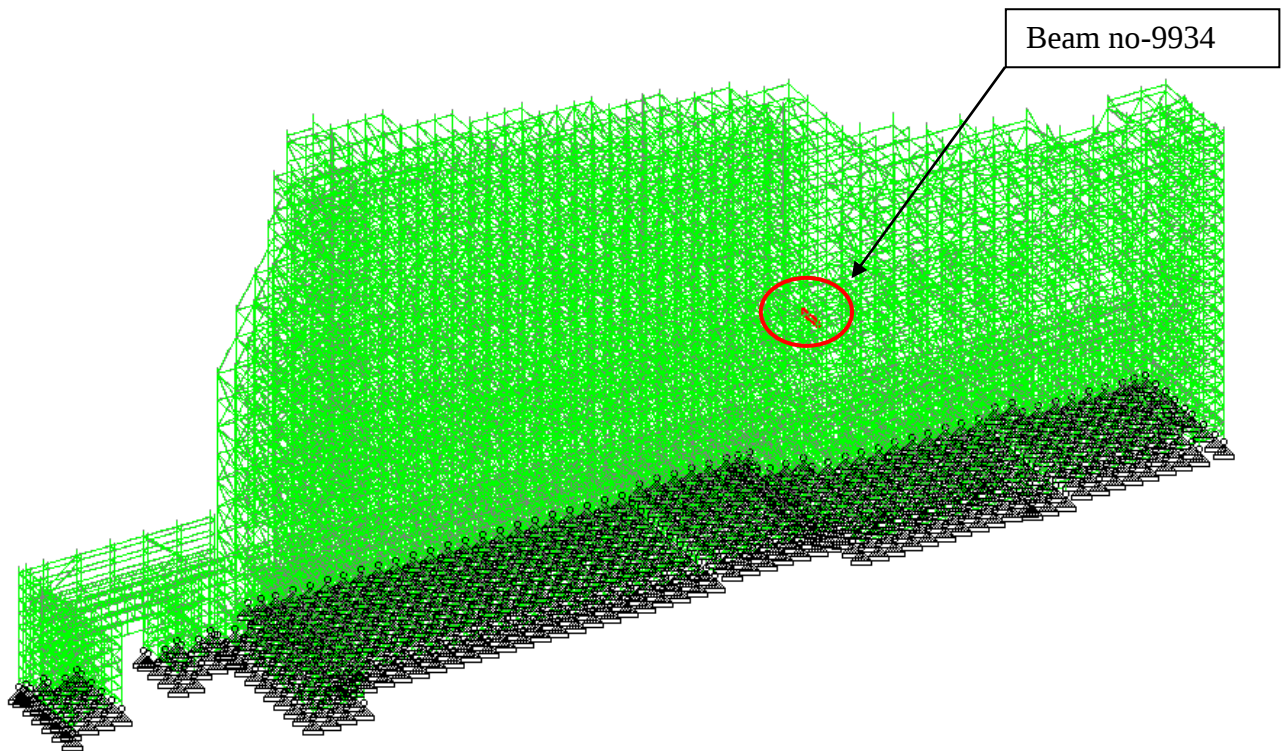
Y-Direction:

Beam	Max Disp mm	Location mm	L/C	L/Displ	Global X mm	Global Y mm	Global Z mm
9934	8.334	833.332	211	239	-4.304	5.745	2.195

From above displacement summary, Deflection diagram for DL+ LL+0.5 WL-X
Maximum vertical displacement of structure in Y direction = 8.334 mm

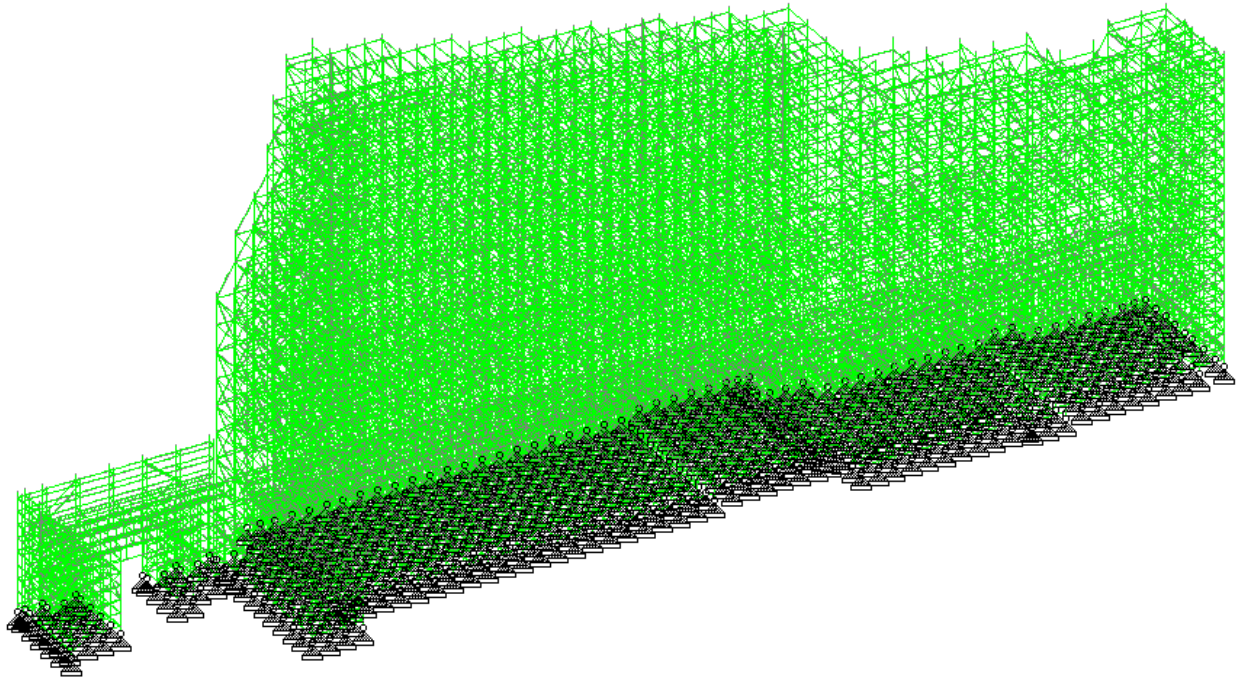
Permissible vertical deflection in Y
 $= \text{Span} / 100$
 $= 2 \text{ m} / 100$
 $= 20 \text{ mm}$

Actual maximum vertical deflection
 $= 8.334 \text{ mm} \leq 20 \text{ mm}$ (Hence, OK)



Vertical deflection (Y-Direction)

7.2. Utility Check



In StaadPro members with design capacity Ratio < 1 highlighted as green members & with design capacity ratio > 1 (overstressed) are highlighted in red. As shown above, all members are highlighted as green marked. Hence all members are passing in strength design.

Diagrams

Structure

Loads and Results

Scales

Labels

Force Limits

Animation

Design Results

☐ None
 ☒ Show Diagram (Based on Actual Ratio)
 ☐ Show Diagram (Based on Normalized Ratio)
 ☒ Basic Diagram
 ☐ Detailed Diagram

☐ Use Custom Limits
 Minimum:
 Maximum:
 Max/Min values should be more than 0
 No of values:
☐ Use Custom Divisions

☐ Show Values

Actual Ratio		
	From	To
1	Not Designed	
2	0	1
3	1	1.5
4	> 1.5	

OK

Cancel

Apply

Help

7.3. Check for Ladder Beam

From EUROPA cup lock load data sheet, safe working load on ladder beam is shown in below image.

SAFE WORKING LOAD ON LADDER BEAM			
II. SIMPLY SUPPORTED AT BOTH ENDS			
Span (m.)	Type of Load	Safe working Load (kg.)	Factor of Safety
3.0	Uniform distributed load	1,125	4
4.0	Uniform distributed load	1,155	4
6.0	Uniform distributed load	1,000	4
3.0	Central point Load	750	4
4.0	Central point Load	575	4
6.0	Central point Load	400	4

Permissible UDL on Ladder Beam of 1.3 m span = $1125/1.3 = 865.38 \text{ kg/m} = 8.654 \text{ kN/m}$

Load on ladder beam due to Ballast Weight:-

Maximum actual loading on ladder beam = 6.258 kN/m

Actual UDL on ladder beam = 6.258 kN/m $\leq$ Permissible UDL = 8.654 kN/m (**Hence, OK**)

Load on ladder beam due to Buggy Route:-

Maximum actual loading on ladder beam = Self weight of scaffold board & Plywood + Live load
 = $0.438 + 6.25$
 = 6.688 kN/m

Actual UDL on ladder beam = 6.688 kN/m $\leq$ Permissible UDL = 8.654 kN/m (**Hence, OK**)

7.4. Check for Ascend X-Beam

From load data sheet, safe working load on X-beam is shown in below image.



From 6m X-Beam Results with restraint to compression chord at 1.0m c/c:

For simply supported Ascend Scaffold single X-BEAM TO EUROCODE EN 1999-1

Allowable loads for load distributions

Category	Unit	BEAM LENGTHS																	
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Uniformly Distributed load	kN/m	39.0	26.0	18.5	11.8	8.2	6.0	4.6	3.7	3.0	2.4	2.1	1.8	1.5	1.3	1.2	1.0	0.9	
Total UDL	kN	78.0	78.0	74.0	59.2	49.3	42.3	37.0	32.9	29.6	26.9	24.7	22.8	21.1	19.7	18.5	17.4	16.4	
Single point load (mid Point)	kN	74.0	49.3	37.0	29.6	24.7	21.1	18.5	16.4	14.8	13.5	12.3	11.4	10.6	9.9	9.3	8.7	8.2	
Two point loads (third points)	Each kN	39.0	37.0	27.8	22.2	18.3	15.9	13.9	12.3	11.1	10.1	9.3	8.5	7.9	7.4	6.9	6.5	6.2	
Three point loads (quarter points)	Each kN	26.0	24.7	18.5	14.8	12.3	10.6	9.3	8.2	7.4	6.7	6.2	5.7	5.3	4.9	4.6	4.4	4.1	

- Notes:
- Above allowable loads may be increased by 1.11 for wind loading only
 - This table is provided as a guide only and assume all loads are applied at nodes. All scaffolds and structures should be checked by a qualified structural engineer. Loads indicated in italics and shaded are limited by shear.
 - Maximum capacity of a point load mid way between nodes is 15kN but overall buckling of the top chord should be checked if loads are placed other than at restrained loads. Compression chord restraint required at 1m c/c.

Allowable Bending Moment	37 kNm
Allowable Shear	39 kN

Maximum actual point load on X-beam taken STAAD,

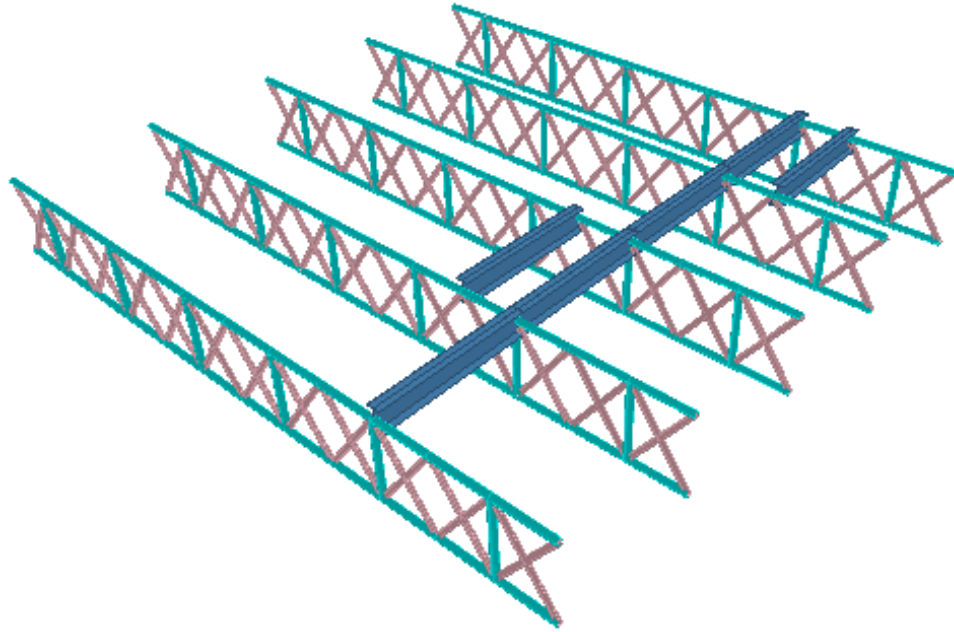
For Bugy Route,

Beam	L/C	Node	Axial Force kN	Shear-Y kN	Shear-Z kN	Torsion kN-m	Moment-Y kN-m	Moment-Z kN-m
12314	209	3792	21.706	0.010	0.072	0.003	-0.028	0.011

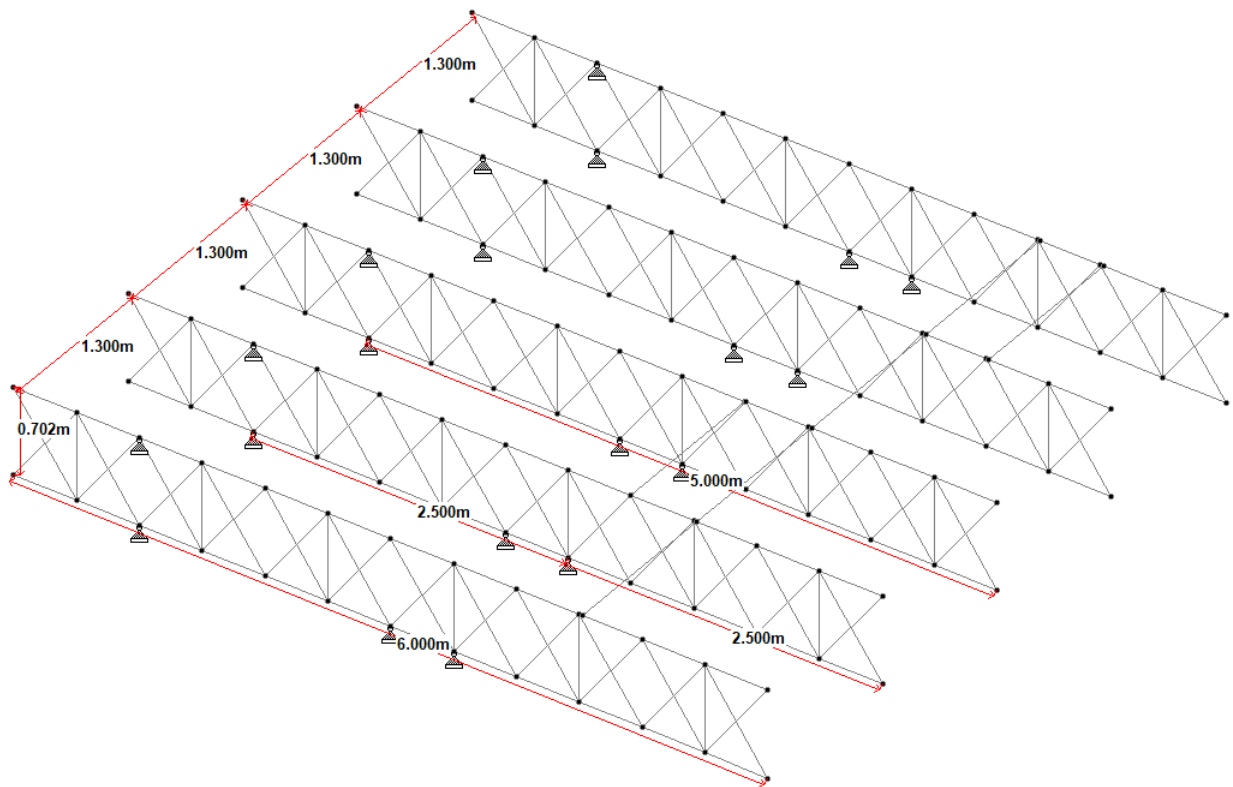
Point load on X-beam = 21.706 kN ≤ Permissible point load = 24.7 kN (Hence, OK)

7.5. Check for Ascend X-Cantilever Beam

- Separate STAAD model generated to analyze cantilever X-beam,

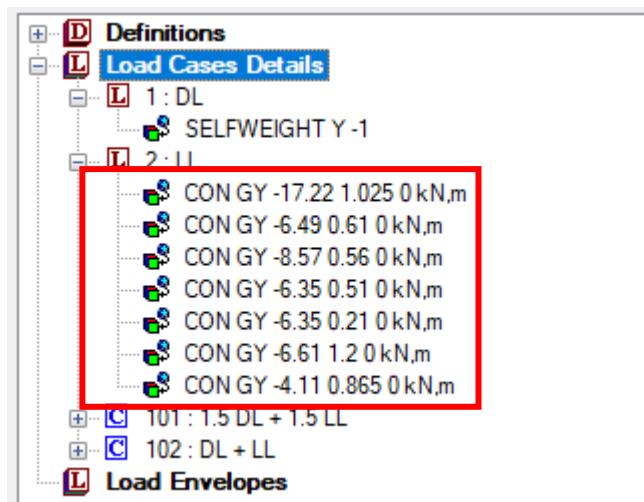
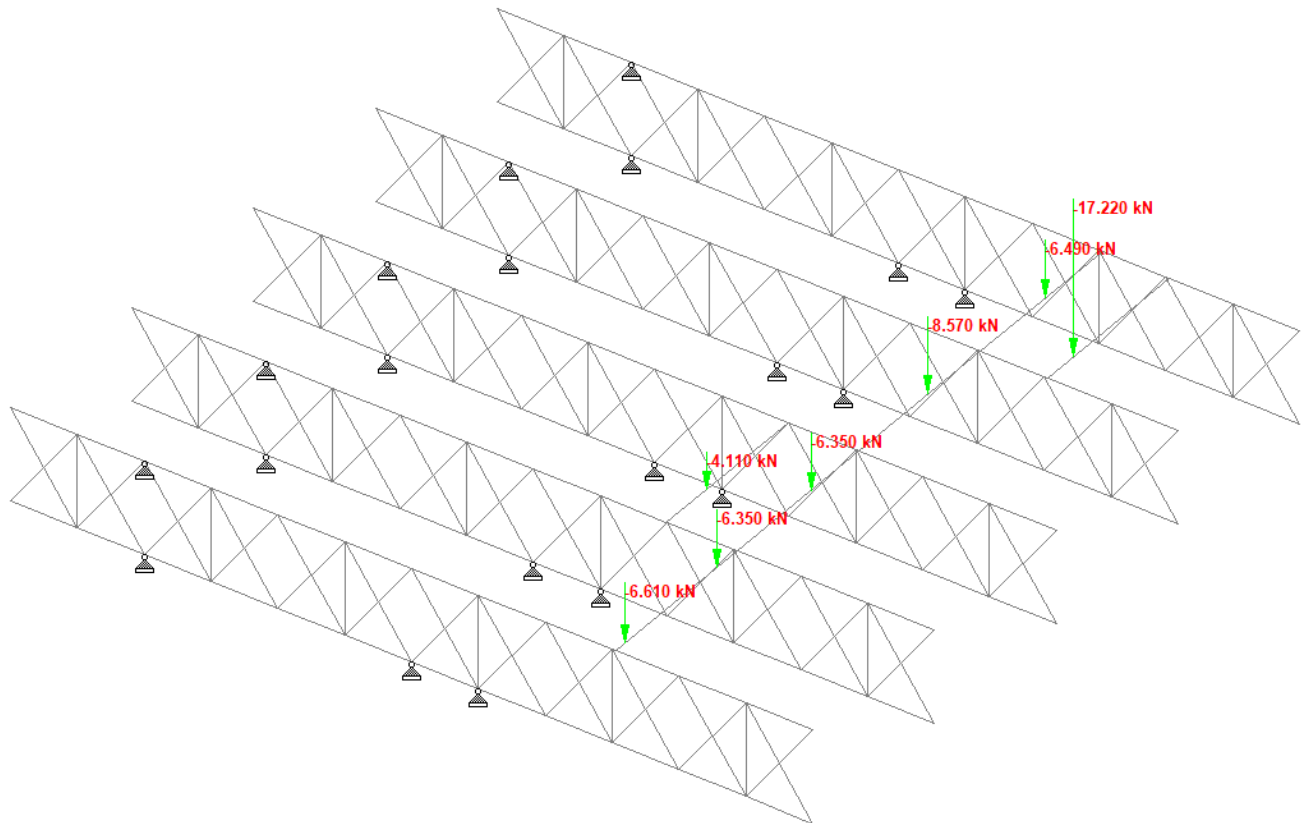


3D Rendered View



3D View

- Maximum loading from LED screen & lighting has been assigned on X-beam,



- After analysis maximum moment found in section,

Beam	L/C	Section	Axial Force kN	Shear-Y kN	Shear-Z kN	Torsion kN-m	Moment-Y kN-m	Moment-Z kN-m
182	101	0.000	-1.650	19.201	0.025	0.020	0.014	0.271

Maximum factored moment in beam = 0.271 kN.m

From load data sheet, safe bending moment in X-beam is shown in below image.



From 6m X-Beam Results with restraint to compression chord at 1.0m c/c:

For simply supported Ascend Scaffold single X-BEAM TO EUROCODE EN 1999-1

Allowable loads for load distributions

Category	Unit	BEAM LENGTHS																	
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Uniformly Distributed load	kN/m	39.0	26.0	18.5	11.8	8.2	6.0	4.6	3.7	3.0	2.4	2.1	1.8	1.5	1.3	1.2	1.0	0.9	
Total UDL	kN	78.0	78.0	74.0	59.2	49.3	42.3	37.0	32.9	29.6	26.9	24.7	22.8	21.1	19.7	18.5	17.4	16.4	
Single point load (mid Point)	kN	74.0	49.3	37.0	29.6	24.7	21.1	18.5	16.4	14.8	13.5	12.3	11.4	10.6	9.9	9.3	8.7	8.2	
Two point loads (third points)	Each kN	39.0	37.0	27.8	22.2	18.5	15.9	13.9	12.3	11.1	10.1	9.3	8.5	7.9	7.4	6.9	6.5	6.2	
Three point loads (quarter points)	Each kN	26.0	24.7	18.5	14.8	12.3	10.6	9.3	8.2	7.4	6.7	6.2	5.7	5.3	4.9	4.6	4.4	4.1	

- Notes:
- Above allowable loads may be increased by 1.11 for wind loading only
 - This table is provided as a guide only and assume all loads are applied at nodes. All scaffolds and structures should be checked by a qualified structural engineer. Loads indicated in italics and shaded are limited by shear.
 - Maximum capacity of a point load mid way between nodes is 15kN but overall buckling of the top chord should be checked if loads are placed other than at restrained loads. Compression chord restraint required at 1m c/c.

Allowable Bending Moment	37 kNm
Allowable Shear	39 kN

Actual moment in beam = 0.271 kN.m < Permissible moment in beam = 37 kN.m (Hence OK)

- Maximum actual deflection of cantilever beam,

Node	L/C	X-Trans mm	Y-Trans mm	Z-Trans mm	Absolute mm	X-Rotan rad	Y-Rotan rad	Z-Rotan rad
54	102	1.552	-7.749	-0.656	7.930	0.001	0.001	-0.003

Permissible deflection of cantilever beam = 2.5 m / 125
= 20 mm

Actual deflection = 0.271 mm < Permissible deflection = 20 mm (Hence OK)

7.6. Check for Axial load capacity of vertical standards:

- Permissible axial forces,

SAFE LOAD FOR EUROPA-CUP STANDARDS (tubeØ48.3 x 3.2mm)		
Main lift (m)	Vertical loading (kN)	Factor of Safety
2.50	18.31	2
2.00	28.47	2
1.50	39.24	2
1.00	47.00	2

- Maximum axial force of double CHS standard from STAAD,

Beam	L/C	Node	Axial Force kN	Shear-Y kN	Shear-Z kN	Torsion kN-m	Moment-Y kN-m	Moment-Z kN-m
14119	201	6725	48.649	-0.445	0.034	0.000	-0.019	-0.247
14861	201	7875	48.557	-0.370	0.030	0.005	-0.018	0.185
14139	201	6753	47.737	1.072	0.053	0.011	-0.028	0.612
14881	201	7903	47.731	4.022	0.089	-0.001	-0.022	-0.386
14099	201	6697	45.898	-0.009	0.019	0.001	-0.008	0.001

Actual axial force = 48.649 kN < Permissible axial force = 94 kN (Hence OK)

- Maximum axial force of single CHS from STAAD,

Beam	L/C	Node	Axial Force kN	Shear-Y kN	Shear-Z kN	Torsion kN-m	Moment-Y kN-m	Moment-Z kN-m
28741	201	12648	20.259	-0.170	-0.000	-0.000	0.000	-0.017

Actual axial force = 20.259 kN < Permissible axial force = 47 kN (Hence OK)

7.7. Check for Axial load capacity of Diagonal Brace:

- Permissible axial forces,

SAFE LOAD CAPACITY OF FACE BRACE TUBE , Tube Specification : Ø48.3 x 3.0mm thk. , YS = 235Mpa				
Dimensions (x,y) (m.)	Length (mm)	Weight (kg.)	Compressive or Tensile load capacity (kN)	Factor of Safety
2.50 x 2.00	3202	11.72	10.66	2.0
2.50 x 1.50	2915	10.76	12.85	2.0
1.80 x 2.00	2691	10.14	15.07	2.0
1.80 x 1.50	2343	8.84	19.90	2.0

- Maximum axial force of 2.915 m diagonal brace from STAAD,

Beam	L/C	Node	Axial Force kN	Shear-Y kN	Shear-Z kN	Torsion kN-m	Moment-Y kN-m	Moment-Z kN-m
21732	201	7264	12.380	0.035	0.000	0.000	0.000	0.000
17294	201	5984	11.371	0.035	0.000	0.000	0.000	0.000
18226	201	5880	11.212	0.035	0.000	0.000	0.000	0.000
18518	201	5892	11.035	0.035	0.000	0.000	0.000	0.000

Actual axial force = 12.380 kN < Permissible axial force = 12.85 kN (Hence OK)

7.8. Check for Slipping Force capacity of Diagonal Brace Single Coupler:

- Permissible axial forces,

Test Parameter	: Slipping Force, kN
Result	: 16.75
Specified value EN 74 Table 8 2022	: 10 kN
Compliance	: Meets the specification limits
Observation	: Slipping of Double Coupler

- Maximum axial force of 2.915 m diagonal brace from STAAD,

Beam	L/C	Node	Axial Force kN	Shear-Y kN	Shear-Z kN	Torsion kN-m	Moment-Y kN-m	Moment-Z kN-m
21732	201	7264	12.380	0.035	0.000	0.000	0.000	0.000
17294	201	5984	11.371	0.035	0.000	0.000	0.000	0.000
18226	201	5880	11.212	0.035	0.000	0.000	0.000	0.000
18518	201	5892	11.035	0.035	0.000	0.000	0.000	0.000

Actual axial force = 12.380 kN < Permissible slipping force = 16.75 kN (Hence OK)

7.9. Check for Slipping Force capacity of Ledger Single Coupler:

- Permissible axial forces,

Test Parameter	: Slipping Force, kN
Result	: 16.75
Specified value EN 74 Table 8 2022	: 10 kN
Compliance	: Meets the specification limits
Observation	: Slipping of Double Coupler

- Maximum axial force of ledgers from STAAD,

Beam	L/C	Node	Axial Force kN	Shear-Y kN	Shear-Z kN	Torsion kN-m	Moment-Y kN-m	Moment-Z kN-m
9946	201	7907	9.562	0.513	-0.001	-0.001	-0.006	0.653
30151	201	13614	9.541	-0.707	0.001	-0.000	0.001	-0.246
37043	201	17963	9.508	1.565	-0.010	-0.002	-0.003	-0.165
44190	201	17866	9.500	-3.261	0.000	0.003	-0.000	0.247

Actual axial force = 9.562 kN < Permissible slipping force = 16.75 kN (Hence OK)

7.10. Check for Slipping Force capacity of Ledger/Ladder Beam Double Coupler:

- Permissible axial forces,

Test Parameter	: Slipping Force, kN
Result	: 46.85
Observation	: Slipping of Double Coupler

- Maximum axial force of ledgers from STAAD,

Beam	L/C	Node	Axial Force kN	Shear-Y kN	Shear-Z kN	Torsion kN-m	Moment-Y kN-m	Moment-Z kN-m
24015	201	9977	24.739	0.668	0.001	0.001	-0.000	-0.014
36693	201	17689	24.570	0.187	0.001	0.001	-0.000	-0.087
37096	201	17959	24.157	1.094	-0.020	-0.003	-0.002	0.063
36750	201	17727	23.541	-0.318	0.001	0.000	-0.000	-0.155

Actual axial force = 24.739 kN < Permissible slipping force = 46.85 kN (Hence OK)

7.11. Check for Adjustable Base Jack:

- Permissible axial forces,

PERMISSIBLE LOAD FOR ADJUSTABLE BASE JACK 760 MM Steel Tube Ø38 x 4.00 mm thk. , BS 1139/ EN 39 , YS = 235Mpa	
Base Jack Extension (mm)	Permissible Load (kN)
200	57.0
400	48.0
600	36.0

- Maximum vertical reaction from STAAD,

Node	L/C	Force-X kN	Force-Y kN	Force-Z kN	Moment-X kN-m	Moment-Y kN-m	Moment-Z kN-m
6488	201	-0.002	43.779	0.037	0.000	0.000	0.000

Actual axial force = 43.779 kN < Permissible Axial Load = 48 kN (Hence OK)

7.12. Support Reaction

Support Reactions for SLS Combinations:

Node	L/C	Force-X kN	Force-Y kN	Force-Z kN
88	201	0.006	17.761	0.006
	202	-0.498	7.123	-0.193
	203	0.134	23.039	0.007
	204	0.006	20.975	-0.989
	205	0.006	7.14	3.533
	206	-1.01	-4.718	-0.318
	207	0.27	23.566	0.009
	208	0.005	21.606	-1.906
	209	0.009	-5.386	7.172
	210	-0.499	8.06	-0.212
	211	0.139	24.264	0.006
	212	0.006	22.107	-1.003
	213	0.006	8.254	3.505
107	201	0.005	14.494	0.001
	202	-0.947	0.2	-0.073
	203	0.151	18.489	0.002
	204	0.005	13.2	-0.35
	205	0.008	15.786	0.754

	206	-1.838	-14.266	-0.117
	207	0.251	19.838	0.012
	208	0.004	10.355	-0.671
	209	0.013	15.2	1.52
	210	-0.967	0.604	-0.08
	211	0.154	19.117	-0.001
	212	0.005	13.825	-0.356
	213	0.007	16.435	0.749
123	201	0.015	19.174	-0.005
	202	-1.61	-0.949	-0.279
	203	0.296	26.569	-0.002
	204	0.097	32.298	-1.198
	205	0.005	-0.845	1.519
	206	-3.371	-28.328	-0.469
	207	0.442	27.449	-0.006
	208	0.144	38.108	-2.296
	209	-0.163	-30.85	3.062
	210	-1.586	1.011	-0.299
	211	0.308	28.258	0
	212	0.102	33.959	-1.213
	213	0.006	0.978	1.509
136	201	0.006	11.471	-0.003
	202	-0.283	6.805	-0.05
	203	0.103	14.904	-0.001
	204	0.006	8.8	-0.269
	205	0.006	23.474	0.752
	206	-0.578	-2.39	-0.078
	207	0.178	14.08	0.008
	208	0.014	2.661	-0.514
	209	-0.012	31.957	1.52
	210	-0.278	8.026	-0.056
	211	0.103	16.198	-0.004
	212	0.006	9.771	-0.273
	213	0.005	24.391	0.747
152	201	0.006	14.86	-0.018
	202	-0.311	7.536	-0.215
	203	0.079	19.708	-0.015
	204	0.005	18.212	-1.28
	205	0.008	15.198	1.538
	206	-0.707	-2.853	-0.354
	207	0.159	20.079	-0.016
	208	0.004	18.505	-2.473
	209	0.011	13.899	3.159
	210	-0.309	8.641	-0.239

	211	0.083	20.822	-0.014
	212	0.005	19.315	-1.298
	213	0.008	16.045	1.526
167	201	0.007	7.933	0.015
	202	-0.496	0.989	-0.219
	203	0.066	10.622	0.017
	204	-0.025	1.996	-1.604
	205	0.048	22.413	1.003
	206	-0.995	-7.821	-0.389
	207	0.16	11.454	0.012
	208	-0.031	-5.752	-3.139
	209	0.103	34.991	2.041
	210	-0.502	1.368	-0.252
	211	0.051	11.029	0.018
	212	-0.032	2.433	-1.628
	213	0.043	22.9	0.994
187	201	0	19.434	-0.036
	202	-0.484	19.777	-0.075
	203	0.156	20.438	-0.018
	204	0	23.218	-1.202
	205	0	8.943	3.738
	206	-0.987	15.848	-0.132
	207	0.318	16.72	0.014
	208	-0.001	22.386	-2.193
	209	0.005	-6.398	7.863
	210	-0.483	21.348	-0.089
	211	0.161	21.808	-0.031
	212	0	24.905	-1.221
	213	0	10.903	3.674
203	201	-0.001	15.079	-0.017
	202	-1.073	17.537	-0.031
	203	0.18	14.945	-0.009
	204	-0.001	13.048	-0.428
	205	0.002	16.809	0.806
	206	-2.065	17.34	-0.051
	207	0.303	12.976	0.006
	208	-0.001	9.455	-0.775
	209	0.011	17.071	1.677
	210	-1.097	18.251	-0.036
	211	0.184	15.625	-0.014
	212	-0.001	13.717	-0.435
	213	0.001	17.579	0.794
219	201	0.012	21.162	-0.066
	202	-1.711	28.517	-0.102

	203	0.347	20.352	-0.037
	204	0.11	34.459	-1.427
	205	0	0.071	1.638
	206	-3.559	29.997	-0.168
	207	0.522	15.784	-0.003
	208	0.167	40.002	-2.589
	209	-0.122	-27.66	3.417
	210	-1.687	30.248	-0.117
	211	0.362	22.014	-0.053
	212	0.116	36.272	-1.448
	213	0	2.127	1.616
232	201	-0.001	13.505	-0.012
	202	-0.302	14.492	-0.025
	203	0.123	14.17	-0.008
	204	0	10.111	-0.338
	205	-0.003	24.883	0.812
	206	-0.607	9.569	-0.043
	207	0.214	10.056	0.003
	208	0.01	1.687	-0.614
	209	-0.033	30.058	1.695
	210	-0.297	16.415	-0.029
	211	0.123	16.219	-0.01
	212	0	11.882	-0.343
	213	-0.004	26.659	0.8
245	201	0	17.007	-0.031
	202	-0.3	18.213	-0.097
	203	0.09	18.183	-0.023
	204	0	21.254	-1.579
	205	-0.001	17.076	1.775
	206	-0.685	14.729	-0.196
	207	0.184	14.675	-0.006
	208	-0.001	20.038	-2.904
	209	0	12.731	3.759
	210	-0.298	19.883	-0.112
	211	0.094	19.636	-0.026
	212	0	22.989	-1.6
	213	-0.001	18.667	1.745
257	201	-0.003	9.65	0.007
	202	-0.281	9.859	-0.082
	203	0.035	10.524	0.011
	204	-0.003	0.894	-2.021
	205	0.001	26.657	1.252
	206	-0.585	8.395	-0.208
	207	0.094	9.571	0.031

	208	0.015	-7.483	-3.757
	209	0	42.196	2.633
	210	-0.281	10.126	-0.102
	211	0.028	11.07	0.008
	212	-0.004	1.198	-2.048
	213	0.002	26.889	1.229
274	201	-0.002	18.271	-0.014
	202	-0.426	27.184	0.006
	203	0.183	15.934	-0.01
	204	-0.002	16.27	-1.518
	205	-0.002	22.543	2.264
	206	-0.887	29.666	0.019
	207	0.372	9.092	0.008
	208	-0.002	10.477	-2.834
	209	0.003	22.696	4.59
	210	-0.422	28.98	0.005
	211	0.19	17.394	-0.018
	212	-0.002	17.803	-1.541
	213	-0.002	24.012	2.251
289	201	-0.005	13.037	-0.007
	202	-0.825	23.255	0.011
	203	0.162	11.021	-0.004
	204	-0.006	10.754	-0.443
	205	-0.003	14.988	0.716
	206	-1.59	31.658	0.028
	207	0.275	8.194	0.009
	208	-0.007	7.973	-0.815
	209	0.002	15.999	1.449
	210	-0.844	23.838	0.01
	211	0.166	11.404	-0.008
	212	-0.006	11.228	-0.45
	213	-0.003	15.388	0.711
301	201	0.007	21.759	-0.037
	202	-1.326	40.492	0.002
	203	0.346	18.12	-0.031
	204	0.105	31.691	-1.321
	205	-0.006	4.232	0.896
	206	-2.766	58.001	0.01
	207	0.523	11.433	-0.01
	208	0.163	35.894	-2.425
	209	-0.038	-16.465	1.803
	210	-1.306	41.603	0.003
	211	0.361	19.577	-0.042
	212	0.111	33.262	-1.339

	213	-0.006	5.738	0.891
331	201	0.002	20.954	-0.001
	202	-0.395	18.209	0.006
	203	0.148	24.148	-0.001
	204	0.002	18.47	-1.24
	205	0.002	25.249	2.456
	206	-0.85	7.113	0.108
	207	0.317	21.022	0.003
	208	0.001	10.176	-2.485
	209	0.005	24.263	4.95
	210	-0.388	20.588	0.004
	211	0.151	26.283	-0.003
	212	0.001	20.708	-1.243
	213	0.001	27.521	2.451
344	201	0	22.38	0
	202	-0.342	27.679	0.001
	203	0.125	22.409	0.002
	204	0	20.072	-1.197
	205	0	26.241	2.51
	206	-0.74	26.007	0.008
	207	0.285	12.806	0.019
	208	0	11.458	-2.437
	209	0.002	23.126	4.998
	210	-0.335	30.13	-0.001
	211	0.127	25.025	0
	212	0	22.508	-1.199
	213	0	28.727	2.506
365	201	0.002	13.563	-0.002
	202	-0.258	12.544	0.006
	203	0.119	15.69	0
	204	0.003	19.231	-0.284
	205	-0.004	2.278	0.99
	206	-0.53	5.267	0.043
	207	0.215	13.059	0.003
	208	0.011	18.181	-0.558
	209	-0.074	-13.774	1.998
	210	-0.253	14.551	0.006
	211	0.118	17.461	-0.001
	212	0.003	21.122	-0.285
	213	-0.004	4.069	0.987
378	201	0	14.335	0
	202	-0.23	17.847	0.004
	203	0.102	14.475	0.003
	204	0	20.185	-0.274

	205	-0.003	3.258	1.001
	206	-0.474	15.674	0.009
	207	0.194	8.156	0.01
	208	0.006	18.907	-0.547
	209	-0.067	-16.134	1.997
	210	-0.225	19.883	0.003
	211	0.1	16.881	0.002
	212	0	22.305	-0.275
	213	-0.003	5.292	0.998
399	201	0.002	18.86	-0.006
	202	-0.236	16.476	-0.002
	203	0.082	21.177	-0.004
	204	0.002	16.169	-0.869
	205	0.001	28.11	2.855
	206	-0.571	8.559	0.105
	207	0.18	19.017	-0.006
	208	0.001	9.343	-1.73
	209	0.002	36.224	5.789
	210	-0.233	18.11	-0.001
	211	0.086	22.744	-0.003
	212	0.001	17.78	-0.876
	213	0.001	29.281	2.847
412	201	0	19.585	-0.005
	202	-0.204	24.302	-0.002
	203	0.066	19.724	-0.003
	204	0	17.338	-0.852
	205	-0.001	29.149	2.919
	206	-0.497	23.803	-0.002
	207	0.158	12.903	0.006
	208	-0.001	10.424	-1.718
	209	0	36.593	5.849
	210	-0.201	26.199	-0.001
	211	0.069	21.627	-0.001
	212	0	19.141	-0.857
	213	-0.001	30.512	2.912
433	201	0.001	12.348	-0.006
	202	-0.134	9.616	0.002
	203	0.026	13.275	-0.004
	204	0.001	14.248	-0.363
	205	0	13.95	0.582
	206	-0.307	5.965	0.022
	207	0.063	13.888	-0.001
	208	0.019	14.667	-0.711
	209	0	15.313	1.181

	210	-0.135	9.87	0.002
	211	0.021	13.468	-0.005
	212	0	14.606	-0.367
	213	0	14.155	0.58
443	201	-0.001	12.472	-0.004
	202	-0.12	15.383	0
	203	0.019	11.889	-0.001
	204	-0.002	14.356	-0.351
	205	-0.003	14.232	0.592
	206	-0.274	17.987	0.005
	207	0.05	10.648	0.004
	208	0.013	14.586	-0.696
	209	-0.004	15.724	1.189
	210	-0.12	15.641	-0.001
	211	0.015	12.202	-0.002
	212	-0.003	14.774	-0.354
	213	-0.003	14.505	0.59
462	201	0.002	7.368	0.013
	202	-0.161	3.894	0.01
	203	0.035	8.137	0.012
	204	-0.019	-3.48	-1.643
	205	0.003	26.813	1.277
	206	-0.265	3.004	0.055
	207	0.059	10.189	0.012
	208	-0.053	-12.512	-3.295
	209	0.004	44.424	2.604
	210	-0.168	3.349	0.01
	211	0.037	7.718	0.012
	212	-0.026	-4.076	-1.662
	213	0.003	26.802	1.27
469	201	0	7.287	0.012
	202	-0.147	10.195	0.011
	203	0.034	6.093	0.012
	204	-0.019	-3.187	-1.591
	205	-0.001	26.459	1.319
	206	-0.239	13.765	0.011
	207	0.057	6.138	0.015
	208	-0.045	-12.884	-3.232
	209	-0.002	43.717	2.663
	210	-0.153	9.832	0.011
	211	0.036	5.651	0.012
	212	-0.025	-3.606	-1.608
	213	-0.001	26.464	1.311
482	201	0	22.234	0.001

	202	-0.3	24.22	0.004
	203	0.12	24.214	0.003
	204	0	20.74	-1.133
	205	0	26.247	2.422
	206	-0.654	17.251	0.035
	207	0.293	17.275	0.007
	208	0	11.668	-2.356
	209	0.002	22.946	4.789
	210	-0.293	26.946	0.002
	211	0.119	26.9	0.001
	212	0	23.455	-1.124
	213	0	28.928	2.426
497	201	0	14.156	0.001
	202	-0.213	15.515	0.005
	203	0.097	15.467	0.004
	204	0	20.067	-0.26
	205	-0.003	3.651	0.963
	206	-0.44	10.806	0.016
	207	0.195	10.84	0.005
	208	0.005	18.491	-0.529
	209	-0.056	-13.239	1.908
	210	-0.209	17.792	0.005
	211	0.094	17.73	0.004
	212	0	22.239	-0.26
	213	-0.003	5.681	0.964
512	201	0	19.114	-0.004
	202	-0.18	20.525	-0.001
	203	0.06	20.485	-0.002
	204	0	17.037	-0.811
	205	-0.001	28.626	2.811
	206	-0.439	16.162	0.025
	207	0.16	15.734	-0.005
	208	0	9.862	-1.663
	209	0	35.904	5.595
	210	-0.176	22.42	0
	211	0.061	22.374	-0.001
	212	0	18.903	-0.811
	213	-0.001	30.03	2.813
527	201	-0.001	11.934	-0.002
	202	-0.111	12.168	0.001
	203	0.017	12.063	0
	204	-0.002	13.727	-0.336
	205	-0.003	13.848	0.569
	206	-0.255	11.725	0.008

	207	0.043	11.742	0.001
	208	0.011	13.772	-0.675
	209	-0.004	15.497	1.135
	210	-0.112	12.431	0.001
	211	0.013	12.295	0
	212	-0.003	14.137	-0.337
	213	-0.004	14.079	0.569
543	201	0	6.616	0.012
	202	-0.134	6.475	0.011
	203	0.04	6.351	0.012
	204	-0.014	-3.917	-1.529
	205	-0.001	25.431	1.267
	206	-0.217	7.833	0.022
	207	0.066	7.522	0.012
	208	-0.024	-12.989	-3.15
	209	-0.001	42.277	2.542
	210	-0.14	5.976	0.011
	211	0.042	5.895	0.012
	212	-0.019	-4.41	-1.537
	213	-0.001	25.379	1.263
553	201	0	22.829	0.002
	202	-0.271	22.877	0.016
	203	0.12	25.792	0.002
	204	0	21.546	-1.112
	205	0	27.136	2.415
	206	-0.595	11.06	0.102
	207	0.313	21.385	0.005
	208	0	12.084	-2.353
	209	0.001	23.484	4.777
	210	-0.264	26.117	0.013
	211	0.117	28.743	0
	212	0	24.503	-1.093
	213	0	29.969	2.419
568	201	0	14.453	0.002
	202	-0.2	14.541	0.011
	203	0.094	16.358	0.004
	204	0	20.412	-0.257
	205	-0.003	3.925	0.962
	206	-0.414	6.97	0.04
	207	0.199	13.127	0.004
	208	0.005	18.718	-0.529
	209	-0.047	-13.75	1.908
	210	-0.196	16.961	0.011
	211	0.09	18.383	0.004

	212	0	22.631	-0.255
	213	-0.003	6.105	0.963
583	201	0	19.814	-0.003
	202	-0.163	19.538	0.008
	203	0.056	22.072	-0.002
	204	0	17.852	-0.799
	205	-0.001	29.141	2.806
	206	-0.4	11.922	0.094
	207	0.168	18.905	-0.005
	208	0	10.392	-1.66
	209	0	36.093	5.592
	210	-0.16	21.522	0.008
	211	0.057	24.025	0
	212	0	19.849	-0.793
	213	-0.001	30.57	2.809
598	201	-0.001	12.474	-0.002
	202	-0.103	10.537	0.006
	203	0.014	13.15	0
	204	-0.002	14.33	-0.332
	205	-0.003	14.122	0.569
	206	-0.239	7.286	0.021
	207	0.037	13.422	0.001
	208	0.01	14.367	-0.675
	209	-0.004	15.726	1.135
	210	-0.104	10.787	0.006
	211	0.011	13.438	0
	212	-0.002	14.776	-0.331
	213	-0.004	14.346	0.569
614	201	0	7.078	0.012
	202	-0.126	3.706	0.014
	203	0.047	8.002	0.012
	204	-0.01	-5.025	-1.502
	205	-0.001	25.482	1.264
	206	-0.204	2.647	0.049
	207	0.078	10.041	0.012
	208	-0.004	-15.387	-3.131
	209	-0.001	42.361	2.541
	210	-0.133	3.052	0.013
	211	0.05	7.574	0.012
	212	-0.014	-5.728	-1.499
	213	-0.001	25.415	1.261
630	201	0	22.852	0.002
	202	-0.258	26.696	0
	203	0.12	24.044	0.005

	204	0	22.25	-1.099
	205	0	27.294	2.352
	206	-0.582	24.069	0.005
	207	0.329	14.037	0.011
	208	0	12.412	-2.356
	209	0.001	22.815	4.632
	210	-0.249	29.507	-0.001
	211	0.116	27.159	0.004
	212	0	25.333	-1.078
	213	0	30.254	2.365
645	201	0	14.437	0.003
	202	-0.194	16.83	0.005
	203	0.092	15.149	0.006
	204	0	20.576	-0.255
	205	-0.003	4.342	0.934
	206	-0.405	14.329	0.007
	207	0.203	8.893	0.007
	208	0.004	18.822	-0.53
	209	-0.043	-11.339	1.843
	210	-0.189	18.763	0.005
	211	0.086	17.531	0.007
	212	0	22.834	-0.252
	213	-0.003	6.496	0.938
660	201	0	19.944	-0.003
	202	-0.155	23.113	-0.001
	203	0.053	20.581	-0.001
	204	0	18.077	-0.795
	205	-0.001	29.334	2.723
	206	-0.388	21.557	-0.003
	207	0.174	13.584	-0.003
	208	0	10.618	-1.666
	209	0	35.687	5.402
	210	-0.151	25.297	0
	211	0.053	22.665	0.001
	212	0	20.113	-0.787
	213	-0.001	30.836	2.736
675	201	-0.001	12.554	-0.001
	202	-0.1	14.918	0.001
	203	0.012	12.185	0.002
	204	-0.002	14.545	-0.33
	205	-0.003	14.279	0.552
	206	-0.234	16.986	0.004
	207	0.032	11.222	0.003
	208	0.008	14.663	-0.677

	209	-0.004	15.812	1.095
	210	-0.101	15.121	0.001
	211	0.01	12.427	0.003
	212	-0.002	15.03	-0.329
	213	-0.004	14.491	0.554
691	201	0	7.165	0.012
	202	-0.131	10.111	0.012
	203	0.053	5.701	0.012
	204	-0.015	-2.783	-1.502
	205	-0.001	25.031	1.227
	206	-0.211	13.537	0.012
	207	0.087	5.594	0.012
	208	-0.009	-11.285	-3.154
	209	-0.001	41.563	2.455
	210	-0.138	9.818	0.012
	211	0.056	5.223	0.012
	212	-0.02	-3.219	-1.498
	213	-0.001	24.947	1.228
701	201	0	23.319	0.003
	202	-0.258	25.497	0.017
	203	0.105	25.59	0.013
	204	0	24.116	-1.049
	205	0	28.35	2.356
	206	-0.594	17.427	0.043
	207	0.294	17.633	0.014
	208	0	12.315	-2.368
	209	0	22.82	4.584
	210	-0.246	29.062	0.019
	211	0.101	29.16	0.018
	212	0	27.882	-1.009
	213	0	31.85	2.378
716	201	0	14.288	0.005
	202	-0.192	15.515	0.013
	203	0.085	15.557	0.011
	204	0	20.732	-0.247
	205	-0.003	4.217	0.937
	206	-0.406	10.686	0.02
	207	0.19	10.902	0.009
	208	0.003	18.708	-0.533
	209	-0.041	-12.157	1.827
	210	-0.187	17.631	0.015
	211	0.079	17.657	0.015
	212	0	23.092	-0.241
	213	-0.003	6.346	0.945

731	201	0	18.76	-0.002
	202	-0.154	20.03	0.013
	203	0.047	20.056	0.009
	204	0	17.304	-0.774
	205	-0.001	28.237	2.731
	206	-0.395	15.79	0.034
	207	0.155	15.632	0.002
	208	0	9.727	-1.675
	209	0	34.837	5.352
	210	-0.149	21.893	0.018
	211	0.046	21.931	0.017
	212	0	19.239	-0.76
	213	-0.001	29.646	2.754
746	201	-0.001	11.414	0.001
	202	-0.099	11.429	0.007
	203	0.011	11.455	0.006
	204	-0.002	13.19	-0.324
	205	-0.003	13.312	0.553
	206	-0.235	11.469	0.01
	207	0.029	11.543	0.004
	208	0.007	13.631	-0.682
	209	-0.004	15.213	1.086
	210	-0.1	11.538	0.008
	211	0.009	11.557	0.008
	212	-0.002	13.387	-0.32
	213	-0.004	13.394	0.557
762	201	0	5.934	0.013
	202	-0.142	5.616	0.017
	203	0.049	5.628	0.015
	204	-0.021	-5.511	-1.48
	205	-0.001	24.054	1.23
	206	-0.228	7.527	0.026
	207	0.079	7.158	0.014
	208	-0.028	-13.681	-3.179
	209	-0.001	40.716	2.432
	210	-0.149	4.858	0.019
	211	0.052	4.881	0.018
	212	-0.027	-6.502	-1.468
	213	-0.001	23.846	1.235
781	201	0	22.951	0.003
	202	-0.267	21.35	0.022
	203	0.095	25.632	0.002
	204	0	23.117	-1.098
	205	0	27.978	2.293

	206	-0.63	8.459	0.06
	207	0.27	21.093	0.004
	208	0	11.936	-2.408
	209	0	23.301	4.538
	210	-0.253	24.9	0.029
	211	0.09	28.839	0.001
	212	0	26.7	-1.067
	213	-0.001	31.21	2.309
796	201	0	14.392	0.004
	202	-0.194	13.605	0.014
	203	0.079	16.272	0.005
	204	0	20.78	-0.256
	205	-0.003	4.619	0.91
	206	-0.413	5.947	0.024
	207	0.18	13.156	0.004
	208	0.003	18.743	-0.541
	209	-0.039	-10.801	1.805
	210	-0.188	15.868	0.018
	211	0.073	18.245	0.007
	212	0	23.146	-0.252
	213	-0.003	6.779	0.916
811	201	0	19.549	-0.002
	202	-0.159	17.709	0.017
	203	0.042	21.702	-0.001
	204	0	17.898	-0.803
	205	0	28.428	2.651
	206	-0.416	8.935	0.049
	207	0.142	18.779	-0.005
	208	0	10.147	-1.703
	209	0	34.953	5.288
	210	-0.154	19.763	0.027
	211	0.041	23.633	0.001
	212	0	19.939	-0.792
	213	-0.001	29.904	2.669
826	201	-0.001	12.08	0
	202	-0.098	9.402	0.007
	203	0.01	12.89	0.002
	204	-0.002	14.017	-0.334
	205	-0.003	13.661	0.537
	206	-0.239	6.408	0.011
	207	0.025	13.713	0.001
	208	0.006	14.34	-0.691
	209	-0.004	15.336	1.073
	210	-0.1	9.494	0.009

	211	0.008	13.002	0.003
	212	-0.002	14.365	-0.331
	213	-0.004	13.787	0.54
839	201	0	6.489	0.013
	202	-0.157	2.639	0.018
	203	0.047	7.336	0.013
	204	-0.028	-4.926	-1.523
	205	-0.001	24.011	1.195
	206	-0.252	2.019	0.032
	207	0.073	9.714	0.012
	208	-0.048	-13.097	-3.22
	209	-0.001	40.532	2.404
	210	-0.166	1.785	0.022
	211	0.05	6.691	0.013
	212	-0.034	-5.839	-1.516
	213	-0.001	23.799	1.198
849	201	0	22.64	0.003
	202	-0.242	28.709	0.001
	203	0.089	24.39	0.004
	204	0	22.102	-1.174
	205	0	27.382	2.263
	206	-0.574	26.244	0.004
	207	0.259	13.506	0.014
	208	0	11.783	-2.416
	209	0	22.437	4.494
	210	-0.229	31.792	-0.001
	211	0.084	27.785	0.004
	212	0	25.443	-1.155
	213	-0.001	30.376	2.272
864	201	0	14.411	0.004
	202	-0.181	17.854	0.005
	203	0.076	15.136	0.006
	204	0	20.809	-0.272
	205	-0.003	4.649	0.901
	206	-0.388	15.608	0.006
	207	0.175	8.508	0.008
	208	0.002	18.858	-0.543
	209	-0.036	-12.72	1.794
	210	-0.176	19.879	0.005
	211	0.069	17.652	0.008
	212	0	23.151	-0.27
	213	-0.003	6.825	0.904
879	201	0	19.688	-0.003
	202	-0.145	24.332	-0.001

	203	0.039	20.296	-0.001
	204	0	17.739	-0.848
	205	0	28.609	2.625
	206	-0.38	23.498	-0.004
	207	0.136	13.367	0.001
	208	0	10.231	-1.705
	209	0	34.733	5.252
	210	-0.14	26.411	0
	211	0.038	22.316	0.001
	212	0	19.765	-0.844
	213	-0.001	30.15	2.633
894	201	-0.001	12.249	0
	202	-0.093	15.041	0.001
	203	0.009	11.584	0.002
	204	-0.002	14.285	-0.352
	205	-0.003	13.757	0.532
	206	-0.225	17.783	0.002
	207	0.022	10.79	0.003
	208	0.004	14.419	-0.692
	209	-0.004	15.298	1.066
	210	-0.094	15.175	0.001
	211	0.007	11.749	0.003
	212	-0.002	14.702	-0.353
	213	-0.004	13.944	0.534
913	201	0	6.575	0.012
	202	-0.147	9.717	0.012
	203	0.046	4.914	0.012
	204	-0.027	-5.405	-1.601
	205	-0.001	23.704	1.183
	206	-0.235	13.752	0.012
	207	0.071	5.441	0.013
	208	-0.047	-14.267	-3.213
	209	-0.001	40	2.387
	210	-0.155	9.194	0.013
	211	0.049	4.15	0.012
	212	-0.034	-6.267	-1.606
	213	-0.001	23.462	1.182
929	201	0	22.225	0.003
	202	-0.216	24.605	0.003
	203	0.089	24.417	0.002
	204	0	21.583	-1.164
	205	0	26.89	2.211
	206	-0.513	17.617	0.008
	207	0.271	17.119	0.006

	208	0	11.583	-2.381
	209	0	22.389	4.396
	210	-0.204	27.676	0.002
	211	0.083	27.486	0.002
	212	0	24.7	-1.152
	213	0	29.669	2.215
944	201	0	14.206	0.004
	202	-0.17	15.648	0.005
	203	0.075	15.582	0.004
	204	0	20.518	-0.269
	205	-0.003	4.747	0.878
	206	-0.364	10.98	0.007
	207	0.179	10.838	0.004
	208	0.002	18.549	-0.535
	209	-0.03	-11.23	1.75
	210	-0.165	17.913	0.006
	211	0.067	17.872	0.005
	212	0	22.831	-0.269
	213	-0.003	6.925	0.879
959	201	0	19.489	-0.003
	202	-0.13	21.135	-0.001
	203	0.038	21.011	-0.002
	204	0	17.38	-0.839
	205	0	27.968	2.56
	206	-0.34	16.092	-0.004
	207	0.141	15.77	-0.005
	208	0	9.76	-1.68
	209	0	33.816	5.13
	210	-0.125	23.203	0.001
	211	0.037	23.092	0
	212	0	19.429	-0.839
	213	-0.001	29.584	2.563
974	201	-0.001	12.048	0
	202	-0.087	12.242	0.001
	203	0.008	12.157	0
	204	-0.002	13.88	-0.349
	205	-0.003	13.361	0.519
	206	-0.211	11.838	0.003
	207	0.021	11.833	0
	208	0.004	13.821	-0.683
	209	-0.004	14.804	1.04
	210	-0.089	12.488	0.002
	211	0.006	12.392	0.001
	212	-0.002	14.342	-0.35

	213	-0.004	13.598	0.519
990	201	0	6.382	0.012
	202	-0.135	6.124	0.012
	203	0.05	6.028	0.012
	204	-0.018	-5.046	-1.59
	205	-0.001	22.89	1.153
	206	-0.214	7.461	0.011
	207	0.076	7.182	0.012
	208	-0.025	-13.253	-3.184
	209	-0.001	38.803	2.332
	210	-0.142	5.547	0.012
	211	0.054	5.448	0.012
	212	-0.023	-5.794	-1.6
	213	-0.001	22.648	1.15
1080	201	0	22.817	0.003
	202	-0.196	27.215	-0.001
	203	0.096	24.344	0.004
	204	0	21.988	-1.166
	205	0	26.755	2.169
	206	-0.473	23.914	0.003
	207	0.314	13.284	0.008
	208	0	11.675	-2.388
	209	0	22.259	4.351
	210	-0.184	30.231	-0.002
	211	0.087	27.708	0.002
	212	0	25.396	-1.15
	213	0	29.622	2.171
1094	201	0	14.298	0.003
	202	-0.158	16.992	0.003
	203	0.076	14.901	0.005
	204	0	20.591	-0.269
	205	-0.003	5.135	0.861
	206	-0.342	14.441	0.005
	207	0.192	8.507	0.004
	208	0.002	18.629	-0.536
	209	-0.022	-9.893	1.73
	210	-0.153	18.965	0.003
	211	0.067	17.346	0.005
	212	0	22.921	-0.268
	213	-0.003	7.331	0.861
1108	201	0	19.096	-0.003
	202	-0.119	22.62	-0.002
	203	0.04	19.421	-0.001
	204	0	17.249	-0.841

	205	0	27.707	2.508
	206	-0.315	21.203	-0.004
	207	0.161	12.537	-0.005
	208	0	10.066	-1.684
	209	0	33.894	5.07
	210	-0.115	24.544	0
	211	0.039	21.353	0
	212	0	19.135	-0.839
	213	-0.001	29.128	2.509
1122	201	-0.001	12.279	-0.001
	202	-0.081	14.506	0
	203	0.006	11.684	0.001
	204	-0.002	14.167	-0.348
	205	-0.003	13.452	0.508
	206	-0.199	16.825	0.001
	207	0.017	11.048	0
	208	0.002	14.546	-0.684
	209	-0.004	14.9	1.028
	210	-0.083	14.62	0
	211	0.005	11.78	0.001
	212	-0.002	14.528	-0.349
	213	-0.004	13.598	0.508
1138	201	0	6.641	0.012
	202	-0.132	9.488	0.012
	203	0.06	4.838	0.012
	204	-0.012	-3.74	-1.589
	205	-0.001	22.652	1.131
	206	-0.208	13.183	0.012
	207	0.09	5.348	0.012
	208	-0.006	-11.318	-3.184
	209	-0.001	38.278	2.306
	210	-0.14	9.003	0.013
	211	0.065	4.058	0.012
	212	-0.015	-4.477	-1.596
	213	-0.001	22.342	1.127
1148	201	0	22.377	0.003
	202	-0.202	24.505	0.003
	203	0.085	24.582	0.003
	204	0	20.809	-1.207
	205	0	26.015	2.153
	206	-0.495	17.023	0.008
	207	0.28	17.126	0.006
	208	0	11.051	-2.384
	209	0	21.891	4.324

	210	-0.189	27.522	0.002
	211	0.077	27.631	0.001
	212	0	23.941	-1.197
	213	0	28.751	2.151
1162	201	0	14.148	0.003
	202	-0.16	15.509	0.005
	203	0.071	15.517	0.004
	204	0	20.327	-0.277
	205	-0.003	5.017	0.855
	206	-0.348	10.803	0.006
	207	0.18	10.83	0.003
	208	0.001	18.353	-0.534
	209	-0.021	-10.856	1.721
	210	-0.154	17.8	0.005
	211	0.062	17.818	0.004
	212	0	22.618	-0.277
	213	-0.003	7.222	0.853
1176	201	0	18.757	-0.003
	202	-0.124	20.179	-0.002
	203	0.035	20.205	-0.002
	204	0	16.52	-0.864
	205	0	26.934	2.492
	206	-0.329	15.401	-0.004
	207	0.144	15.29	-0.005
	208	0	9.388	-1.678
	209	0	33.212	5.044
	210	-0.118	22.189	0
	211	0.034	22.226	0
	212	0	18.416	-0.866
	213	-0.001	28.37	2.487
1190	201	-0.001	11.882	-0.001
	202	-0.082	11.868	0.001
	203	0.006	11.875	0
	204	-0.002	13.501	-0.358
	205	-0.003	12.812	0.505
	206	-0.203	11.744	0.002
	207	0.016	11.84	-0.001
	208	0.002	13.716	-0.681
	209	-0.003	14.351	1.023
	210	-0.084	11.949	0.001
	211	0.005	11.946	0
	212	-0.002	13.856	-0.36
	213	-0.004	12.949	0.503
1209	201	0	6.134	0.012

	202	-0.143	5.794	0.012
	203	0.055	5.766	0.012
	204	-0.018	-5.201	-1.634
	205	0	21.862	1.123
	206	-0.225	7.361	0.011
	207	0.081	7.169	0.012
	208	-0.022	-12.797	-3.176
	209	-0.001	37.492	2.292
	210	-0.152	5.131	0.012
	211	0.06	5.106	0.012
	212	-0.021	-6.036	-1.648
	213	-0.001	21.483	1.116
1231	201	0	22.56	0.002
	202	-0.216	20.672	0.008
	203	0.078	25.258	0
	204	0	21.822	-1.177
	205	0	26.729	2.166
	206	-0.535	8.734	0.036
	207	0.257	20.942	0.002
	208	0	11.607	-2.386
	209	0	22.97	4.359
	210	-0.201	23.964	0.005
	211	0.07	28.11	-0.001
	212	0	25.125	-1.162
	213	0	29.59	2.168
1245	201	0	14.244	0.003
	202	-0.163	13.737	0.008
	203	0.066	16.213	0.003
	204	0.001	20.568	-0.272
	205	-0.003	5.2	0.859
	206	-0.359	6.182	0.015
	207	0.171	13.112	0.002
	208	0.001	18.542	-0.535
	209	-0.021	-9.795	1.734
	210	-0.158	16.089	0.008
	211	0.058	18.299	0.003
	212	0	22.884	-0.271
	213	-0.003	7.38	0.86
1259	201	0	18.962	-0.003
	202	-0.133	16.869	0.001
	203	0.031	21.061	-0.002
	204	0	17.076	-0.85
	205	0	27.297	2.505
	206	-0.355	8.795	0.023

	207	0.132	18.383	-0.006
	208	0	9.952	-1.684
	209	0	33.448	5.08
	210	-0.127	18.805	0.001
	211	0.03	22.97	0
	212	0	18.936	-0.85
	213	0	28.731	2.505
1273	201	-0.001	12.074	-0.001
	202	-0.083	9.455	0.004
	203	0.005	12.735	-0.001
	204	-0.002	13.856	-0.352
	205	-0.003	13.027	0.507
	206	-0.208	6.579	0.006
	207	0.014	13.598	-0.002
	208	0.002	14.367	-0.682
	209	-0.003	14.531	1.03
	210	-0.086	9.403	0.004
	211	0.004	12.727	-0.001
	212	-0.002	14.134	-0.354
	213	-0.004	13.076	0.507
1292	201	0	6.135	0.013
	202	-0.159	1.979	0.012
	203	0.051	6.989	0.013
	204	-0.023	-5.075	-1.607
	205	0	21.875	1.129
	206	-0.249	1.48	0.022
	207	0.074	9.524	0.012
	208	-0.039	-12.056	-3.18
	209	-0.001	37.623	2.309
	210	-0.169	0.998	0.012
	211	0.056	6.276	0.013
	212	-0.028	-6.133	-1.618
	213	-0.001	21.382	1.125
1302	201	0	22.337	0.001
	202	-0.198	27.897	-0.001
	203	0.075	23.598	0.003
	204	0	22.859	-1.122
	205	0	26.713	2.157
	206	-0.492	25.866	0.002
	207	0.246	13.231	0.007
	208	0	12.092	-2.349
	209	0	22.548	4.307
	210	-0.184	30.765	-0.003
	211	0.068	26.726	0.001

	212	0	25.992	-1.119
	213	0	29.754	2.162
1316	201	0	14.211	0.002
	202	-0.155	17.556	0.003
	203	0.064	14.882	0.005
	204	0	20.796	-0.263
	205	-0.003	5.116	0.86
	206	-0.34	15.391	0.004
	207	0.166	8.394	0.003
	208	0.001	18.607	-0.528
	209	-0.02	-11.422	1.718
	210	-0.149	19.562	0.003
	211	0.055	17.475	0.005
	212	0	23.118	-0.265
	213	-0.003	7.305	0.861
1330	201	0	18.71	-0.003
	202	-0.123	23.462	-0.002
	203	0.03	19.35	-0.001
	204	0	17.472	-0.822
	205	0	27.854	2.504
	206	-0.328	22.943	-0.005
	207	0.126	12.91	-0.006
	208	0	10.22	-1.659
	209	0	33.264	5.033
	210	-0.118	25.415	0
	211	0.028	21.252	0
	212	0	19.248	-0.833
	213	0	29.301	2.508
1344	201	-0.001	12.275	-0.001
	202	-0.079	14.832	0
	203	0.005	11.48	0.001
	204	-0.002	13.952	-0.343
	205	-0.003	13.12	0.508
	206	-0.198	17.504	0
	207	0.014	10.821	-0.001
	208	0.001	14.407	-0.673
	209	-0.003	14.393	1.021
	210	-0.082	14.85	0
	211	0.004	11.472	0.001
	212	-0.002	14.303	-0.35
	213	-0.003	13.179	0.508
1360	201	0	6.242	0.013
	202	-0.148	9.423	0.013
	203	0.05	4.454	0.013

	204	-0.022	-5.642	-1.56
	205	0	21.525	1.131
	206	-0.231	13.611	0.012
	207	0.071	5.25	0.012
	208	-0.038	-13.326	-3.125
	209	-0.001	37.115	2.288
	210	-0.157	8.853	0.014
	211	0.055	3.581	0.014
	212	-0.027	-6.787	-1.598
	213	-0.001	21.018	1.128
1379	201	0	21.799	0.001
	202	-0.178	24.018	0.002
	203	0.077	23.855	0.001
	204	0	22.336	-1.117
	205	0	26.335	2.122
	206	-0.44	16.809	0.006
	207	0.259	16.654	0.004
	208	0	11.292	-2.341
	209	0	22.237	4.203
	210	-0.166	27.071	0
	211	0.069	26.948	0
	212	0	25.581	-1.112
	213	0	29.539	2.132
1390	201	0	13.949	0.002
	202	-0.146	15.482	0.005
	203	0.064	15.419	0.004
	204	0.001	20.582	-0.261
	205	-0.003	5.061	0.843
	206	-0.321	10.771	0.005
	207	0.169	10.694	0.002
	208	0.001	18.309	-0.525
	209	-0.016	-10.253	1.672
	210	-0.141	17.792	0.005
	211	0.054	17.754	0.004
	212	0	22.93	-0.264
	213	-0.002	7.214	0.847
1407	201	0	18.161	-0.003
	202	-0.113	19.617	-0.001
	203	0.029	19.436	-0.001
	204	0	17.105	-0.818
	205	0	27.412	2.457
	206	-0.296	15.41	-0.005
	207	0.131	15.197	-0.006
	208	0	9.666	-1.651

	209	0	32.399	4.899
	210	-0.108	21.506	0.001
	211	0.028	21.311	0
	212	0	18.839	-0.829
	213	0	28.933	2.467
1421	201	-0.001	11.693	-0.001
	202	-0.076	11.737	0.001
	203	0.005	11.63	0
	204	-0.002	13.405	-0.341
	205	-0.003	12.587	0.498
	206	-0.188	11.754	0.001
	207	0.013	11.779	-0.002
	208	0.001	13.785	-0.671
	209	-0.003	13.919	0.993
	210	-0.079	11.703	0.001
	211	0.004	11.6	0
	212	-0.002	13.671	-0.349
	213	-0.003	12.552	0.5
1434	201	0	5.597	0.014
	202	-0.134	5.102	0.014
	203	0.053	5.092	0.014
	204	-0.011	-5.805	-1.562
	205	0	20.475	1.109
	206	-0.209	7.138	0.012
	207	0.075	6.913	0.013
	208	-0.016	-12.519	-3.127
	209	0	35.996	2.227
	210	-0.143	4.225	0.014
	211	0.059	4.181	0.014
	212	-0.013	-6.992	-1.6
	213	0	19.822	1.109
1444	201	0	22.272	0.001
	202	-0.166	21.93	0.007
	203	0.083	25.442	0
	204	0	22.237	-1.166
	205	0	26.572	2.109
	206	-0.408	9.805	0.039
	207	0.283	21.224	0.002
	208	0.001	11.204	-2.383
	209	0	22.945	4.21
	210	-0.155	25.243	0.006
	211	0.073	28.357	-0.002
	212	0	25.71	-1.152
	213	0	29.69	2.115

1458	201	0	14.281	0.003
	202	-0.139	14.263	0.008
	203	0.065	16.366	0.003
	204	0.001	20.965	-0.272
	205	-0.003	5.217	0.841
	206	-0.307	6.791	0.016
	207	0.176	13.316	0.001
	208	0.001	18.612	-0.536
	209	-0.012	-11.027	1.68
	210	-0.134	16.751	0.009
	211	0.054	18.505	0.003
	212	0	23.387	-0.272
	213	-0.002	7.372	0.842
1472	201	0	19.179	-0.003
	202	-0.107	18.57	0
	203	0.031	21.56	-0.002
	204	0	17.902	-0.847
	205	0	28.181	2.446
	206	-0.277	10.917	0.026
	207	0.142	19.032	-0.006
	208	0	10.217	-1.678
	209	0	32.715	4.918
	210	-0.103	20.653	0.002
	211	0.029	23.519	0
	212	0	19.909	-0.85
	213	0	29.897	2.45
1486	201	-0.001	12.112	-0.001
	202	-0.073	10.329	0.004
	203	0.005	12.93	-0.001
	204	-0.001	14.175	-0.354
	205	-0.002	12.833	0.497
	206	-0.18	7.614	0.007
	207	0.013	13.456	-0.002
	208	0.001	14.49	-0.683
	209	-0.003	14.086	0.999
	210	-0.076	10.418	0.005
	211	0.004	13.054	-0.001
	212	-0.002	14.529	-0.357
	213	-0.003	12.818	0.498
1502	201	0.001	5.827	0.013
	202	-0.125	1.797	0.012
	203	0.059	6.784	0.014
	204	0	-7.293	-1.607
	205	0	20.323	1.105

	206	-0.194	1.815	0.023
	207	0.081	9.555	0.013
	208	0.005	-14.724	-3.164
	209	0	36.16	2.238
	210	-0.133	0.603	0.013
	211	0.065	5.899	0.014
	212	0	-8.622	-1.627
	213	0	19.544	1.102
1518	201	0.001	22.612	0.002
	202	-0.166	26.935	0
	203	0.087	23.605	0.003
	204	0.001	22.564	-1.144
	205	0	26.758	2.118
	206	-0.413	23.793	0.003
	207	0.3	12.693	0.006
	208	0.001	11.686	-2.367
	209	0	22.847	4.215
	210	-0.155	29.851	-0.002
	211	0.077	26.816	0.002
	212	0	26.04	-1.117
	213	0	29.902	2.127
1532	201	0	14.309	0.004
	202	-0.139	17.029	0.004
	203	0.066	14.966	0.005
	204	0.001	20.984	-0.268
	205	-0.003	5.304	0.841
	206	-0.307	14.429	0.004
	207	0.181	8.385	0.002
	208	0.001	18.682	-0.532
	209	-0.012	-9.163	1.675
	210	-0.134	19.114	0.005
	211	0.055	17.573	0.006
	212	0	23.34	-0.265
	213	-0.002	7.456	0.844
1546	201	0	19.252	-0.003
	202	-0.108	22.689	-0.001
	203	0.032	19.689	-0.001
	204	0	18.081	-0.835
	205	0	28.159	2.449
	206	-0.281	21.147	-0.004
	207	0.15	12.654	-0.006
	208	0	10.447	-1.671
	209	0	32.603	4.907
	210	-0.104	24.639	0.001

	211	0.03	21.729	0.001
	212	0	20.082	-0.828
	213	0	29.898	2.456
1560	201	-0.001	12.496	0
	202	-0.073	14.513	0.001
	203	0.004	11.809	0.001
	204	-0.001	14.334	-0.349
	205	-0.002	12.881	0.497
	206	-0.181	16.535	0.001
	207	0.012	10.896	-0.002
	208	0.001	14.702	-0.679
	209	-0.003	13.966	0.995
	210	-0.076	14.66	0.001
	211	0.004	11.928	0.002
	212	-0.002	14.707	-0.349
	213	-0.003	12.891	0.498
1579	201	0.001	6.006	0.013
	202	-0.13	8.907	0.013
	203	0.063	3.819	0.014
	204	-0.002	-5.01	-1.59
	205	0	20.298	1.106
	206	-0.2	12.959	0.012
	207	0.086	4.814	0.012
	208	0.004	-11.176	-3.161
	209	0	35.802	2.231
	210	-0.138	8.197	0.014
	211	0.07	2.737	0.014
	212	-0.001	-6.017	-1.593
	213	0	19.572	1.105
1589	201	0.001	23.343	0.004
	202	-0.175	25.782	0.021
	203	0.076	25.776	0.001
	204	0	24.254	-1.013
	205	0	28.271	2.176
	206	-0.437	17.357	0.017
	207	0.258	17.101	0.004
	208	0.001	12.55	-2.295
	209	0	23.11	4.239
	210	-0.163	29.51	0.024
	211	0.068	29.375	0.001
	212	0	28.171	-0.957
	213	0	31.924	2.19
1603	201	0	14.128	0.006
	202	-0.142	15.413	0.015

	203	0.062	15.538	0.005
	204	0.001	20.593	-0.242
	205	-0.003	5.015	0.865
	206	-0.315	10.682	0.01
	207	0.168	10.727	0.002
	208	0.001	18.45	-0.517
	209	-0.012	-10.403	1.687
	210	-0.136	17.57	0.017
	211	0.052	17.793	0.008
	212	0	22.86	-0.234
	213	-0.002	7.219	0.871
1617	201	0.001	17.817	-0.002
	202	-0.115	19.194	0.019
	203	0.029	19.105	-0.001
	204	0.001	16.875	-0.767
	205	0	26.583	2.521
	206	-0.298	14.787	0.006
	207	0.13	14.609	-0.006
	208	0.001	9.77	-1.627
	209	0	32.031	4.941
	210	-0.11	21.036	0.026
	211	0.028	20.912	0.002
	212	0	18.716	-0.747
	213	0	27.878	2.535
1631	201	-0.001	11.066	0.002
	202	-0.075	10.92	0.008
	203	0.005	10.951	0.001
	204	-0.001	12.852	-0.323
	205	-0.002	12.011	0.511
	206	-0.186	11.34	0.004
	207	0.013	11.374	-0.002
	208	0.001	13.416	-0.661
	209	-0.002	13.311	1.002
	210	-0.078	10.895	0.01
	211	0.004	10.916	0.004
	212	-0.002	13.02	-0.318
	213	-0.003	12.036	0.513
1643	201	0.001	5.085	0.013
	202	-0.14	4.757	0.021
	203	0.055	4.497	0.014
	204	-0.008	-6.274	-1.482
	205	0	20.466	1.137
	206	-0.215	6.989	0.016
	207	0.075	6.652	0.013

	208	-0.013	-13.088	-3.086
	209	0	35.225	2.245
	210	-0.149	3.816	0.023
	211	0.06	3.537	0.014
	212	-0.009	-7.389	-1.464
	213	0	20.18	1.14
1662	201	0.001	22.295	0.004
	202	-0.19	20.195	0.045
	203	0.069	25.048	0.001
	204	0	21.446	-1.155
	205	0	26.553	2.174
	206	-0.477	8.033	0.036
	207	0.225	20.839	0.002
	208	0.001	11.15	-2.373
	209	0	22.912	4.294
	210	-0.177	23.381	0.053
	211	0.062	27.887	0.001
	212	0	24.58	-1.14
	213	0	29.487	2.181
1676	201	0	14.137	0.004
	202	-0.146	13.626	0.022
	203	0.06	16.38	0.003
	204	0.001	20.396	-0.266
	205	-0.003	5.019	0.862
	206	-0.328	6.163	0.015
	207	0.156	13.142	0.001
	208	0.001	18.445	-0.531
	209	-0.013	-9.724	1.706
	210	-0.141	15.979	0.026
	211	0.05	18.512	0.004
	212	0	22.669	-0.266
	213	-0.002	7.065	0.864
1690	201	0.001	18.416	-0.002
	202	-0.125	16.612	0.04
	203	0.028	20.658	-0.002
	204	0.001	16.905	-0.834
	205	0	26.01	2.514
	206	-0.326	8.265	0.023
	207	0.115	18.168	-0.006
	208	0.001	9.971	-1.672
	209	0	31.846	5.003
	210	-0.12	18.602	0.051
	211	0.027	22.496	0
	212	0.001	18.74	-0.833

	213	0	27.327	2.52
1704	201	0	11.645	0
	202	-0.077	8.919	0.011
	203	0.005	12.413	-0.001
	204	-0.001	13.535	-0.345
	205	-0.002	11.987	0.508
	206	-0.192	6.162	0.006
	207	0.013	13.365	-0.003
	208	0.001	14.241	-0.678
	209	-0.002	13.284	1.012
	210	-0.08	8.824	0.013
	211	0.004	12.416	0
	212	-0.001	13.789	-0.347
	213	-0.003	11.973	0.509
1719	201	0.001	5.511	0.012
	202	-0.154	1.303	0.027
	203	0.048	6.347	0.013
	204	-0.014	-5.45	-1.578
	205	0.001	20.761	1.132
	206	-0.237	1.052	0.022
	207	0.066	9.196	0.013
	208	-0.029	-12.019	-3.161
	209	0	35.545	2.271
	210	-0.165	0.111	0.031
	211	0.053	5.424	0.013
	212	-0.018	-6.556	-1.587
	213	0	20.316	1.13
1729	201	0.001	21.697	0.004
	202	-0.174	27.504	0.003
	203	0.066	22.875	0.004
	204	0.001	19.956	-1.351
	205	0.001	25.86	2.287
	206	-0.435	25.198	0.003
	207	0.203	12.565	0.006
	208	0.001	10.305	-2.652
	209	0	22.358	4.564
	210	-0.162	30.186	0.002
	211	0.06	25.769	0.004
	212	0.001	22.793	-1.355
	213	0.001	28.804	2.288
1743	201	0.001	14.109	0.003
	202	-0.14	17.371	0.005
	203	0.059	14.783	0.004
	204	0.001	20.339	-0.303

	205	-0.001	4.835	0.898
	206	-0.312	15.15	0.004
	207	0.149	8.135	0.002
	208	0.001	18.522	-0.581
	209	-0.01	-12.042	1.798
	210	-0.135	19.415	0.006
	211	0.05	17.374	0.005
	212	0	22.59	-0.305
	213	-0.001	7.054	0.897
1757	201	0.001	18.561	-0.003
	202	-0.115	23.283	-0.001
	203	0.028	18.971	-0.001
	204	0.001	16.415	-0.969
	205	0.001	26.568	2.651
	206	-0.298	22.578	-0.005
	207	0.105	12.346	-0.006
	208	0.001	9.392	-1.873
	209	0	32.48	5.33
	210	-0.11	25.232	0.001
	211	0.028	20.93	0
	212	0.001	18.236	-0.979
	213	0.001	28.042	2.648
1771	201	0	11.9	-0.001
	202	-0.074	14.608	0.002
	203	0.005	11.128	0
	204	-0.001	13.629	-0.389
	205	-0.001	12.049	0.527
	206	-0.184	17.219	0
	207	0.014	10.406	-0.002
	208	0.001	14.389	-0.738
	209	-0.001	12.995	1.062
	210	-0.077	14.641	0.002
	211	0.004	11.17	0.001
	212	-0.001	13.939	-0.394
	213	-0.002	12.075	0.526
1789	201	0.001	5.701	0.012
	202	-0.14	9.074	0.012
	203	0.043	3.464	0.012
	204	-0.017	-6.617	-1.796
	205	0.001	20.528	1.199
	206	-0.215	13.492	0.012
	207	0.06	4.796	0.012
	208	-0.034	-14.067	-3.473
	209	0.002	35.099	2.43

	210	-0.149	8.35	0.012
	211	0.048	2.296	0.013
	212	-0.02	-7.831	-1.825
	213	0.001	19.984	1.192
1805	201	-0.007	21.259	0.013
	202	-0.223	23.285	0.022
	203	0.035	22.919	0.013
	204	-0.006	21.445	-0.584
	205	-0.007	23.983	0.962
	206	-0.578	16.759	0.015
	207	0.188	16.474	0.007
	208	-0.006	14.07	-1.132
	209	-0.006	19.349	1.884
	210	-0.203	25.86	0.025
	211	0.026	25.521	0.014
	212	-0.007	24.115	-0.589
	213	-0.008	26.765	0.969
1819	201	-0.006	13.846	0.002
	202	-0.159	15.403	0.004
	203	0.036	15.4	0.002
	204	-0.005	18.573	-0.103
	205	-0.012	10.966	0.223
	206	-0.366	10.697	0.003
	207	0.125	10.564	0.001
	208	-0.006	15.489	-0.199
	209	-0.025	2.094	0.44
	210	-0.15	17.71	0.005
	211	0.026	17.735	0.002
	212	-0.006	20.779	-0.104
	213	-0.012	13.089	0.225
1833	201	-0.008	18.359	0.007
	202	-0.138	19.946	0.018
	203	0.004	19.714	0.008
	204	-0.007	18.03	-0.491
	205	-0.01	20.913	1.079
	206	-0.38	15.278	0.009
	207	0.088	14.93	0
	208	-0.007	12.81	-0.951
	209	-0.01	21.04	2.131
	210	-0.13	21.93	0.023
	211	0.003	21.705	0.01
	212	-0.008	19.914	-0.495
	213	-0.011	22.616	1.085
1847	201	-0.006	11.424	0

	202	-0.077	11.417	0.002
	203	-0.003	11.426	0
	204	-0.006	11.707	-0.114
	205	-0.009	12.486	0.179
	206	-0.204	11.49	0.001
	207	-0.004	11.576	-0.001
	208	-0.001	11.065	-0.219
	209	-0.008	14.352	0.357
	210	-0.079	11.4	0.003
	211	-0.004	11.429	0.001
	212	-0.006	11.92	-0.115
	213	-0.01	12.462	0.179
1865	201	-0.007	5.055	0.002
	202	-0.199	4.618	0.01
	203	0.033	4.364	0.003
	204	-0.033	-3.295	-0.689
	205	-0.007	16.678	0.771
	206	-0.3	6.927	0.004
	207	0.054	6.631	-0.003
	208	-0.048	-7.328	-1.344
	209	-0.006	28.059	1.541
	210	-0.212	3.666	0.013
	211	0.037	3.361	0.005
	212	-0.039	-4.384	-0.695
	213	-0.008	16.019	0.773
1875	201	-0.003	22.649	0.03
	202	-0.265	22.349	0.116
	203	0.245	26.134	0.016
	204	-0.002	23.188	-1.368
	205	-0.005	28.673	2.619
	206	-0.488	8.946	0.083
	207	0.559	20.574	0.011
	208	0	12.873	-2.945
	209	-0.003	25.328	5.089
	210	-0.267	26.315	0.142
	211	0.239	29.705	0.017
	212	-0.002	26.92	-1.319
	213	-0.006	32.136	2.644
1889	201	-0.004	14.228	0.009
	202	-0.212	13.639	0.042
	203	0.166	16.525	0.004
	204	-0.004	20.983	-0.257
	205	-0.006	7.429	1.03
	206	-0.352	6.192	0.028

	207	0.311	13.225	0.001
	208	-0.001	19.524	-0.539
	209	0.015	-7.442	2.003
	210	-0.218	15.96	0.053
	211	0.159	18.598	0.005
	212	-0.004	23.325	-0.25
	213	-0.007	9.578	1.04
1903	201	-0.003	17.765	0.022
	202	-0.211	17.257	0.125
	203	0.14	20.353	0.009
	204	-0.001	15.824	-0.752
	205	-0.005	24.624	3.227
	206	-0.389	9.711	0.078
	207	0.318	18.257	-0.002
	208	0	8.706	-1.569
	209	-0.005	27.474	6.287
	210	-0.215	19.195	0.158
	211	0.143	22.216	0.013
	212	-0.001	17.616	-0.735
	213	-0.006	26.173	3.258
1917	201	-0.012	11.345	0.002
	202	-0.165	8.921	0.017
	203	0.026	12.205	-0.001
	204	-0.02	12.798	-0.357
	205	-0.012	11.404	0.528
	206	-0.279	7.083	0.009
	207	0.082	13.595	-0.004
	208	-0.025	13.482	-0.74
	209	-0.01	12.514	1.038
	210	-0.169	8.637	0.022
	211	0.024	12.041	0
	212	-0.021	12.816	-0.35
	213	-0.014	11.131	0.531
1932	201	-0.003	4.49	0.001
	202	-0.144	-0.28	0.037
	203	0.135	5.58	-0.005
	204	0.041	-8.272	-1.929
	205	-0.008	19.553	1.221
	206	-0.225	0.359	0.016
	207	0.168	9.036	-0.013
	208	0.053	-15.043	-4.037
	209	-0.013	35.415	2.412
	210	-0.15	-1.823	0.05
	211	0.147	4.289	-0.001

	212	0.049	-10.197	-1.888
	213	-0.009	18.657	1.23
1951	201	0	22.335	0.017
	202	-0.277	26.887	0.017
	203	0.255	23.757	0.022
	204	0	23.22	-1.226
	205	-0.002	28.078	2.331
	206	-0.516	23.814	0.017
	207	0.572	12.608	0.013
	208	0.002	12.911	-2.616
	209	-0.001	24.657	4.543
	210	-0.278	30.107	0.018
	211	0.25	27.26	0.031
	212	0	26.777	-1.193
	213	-0.003	31.535	2.347
1964	201	0	14.158	0.004
	202	-0.219	16.898	0.005
	203	0.174	14.647	0.005
	204	0	21.034	-0.229
	205	-0.003	7.801	0.919
	206	-0.37	14.666	0.004
	207	0.32	8.313	0.001
	208	0.002	19.429	-0.477
	209	0.012	-4.261	1.794
	210	-0.225	18.846	0.006
	211	0.168	17.076	0.009
	212	0	23.357	-0.226
	213	-0.004	9.976	0.926
1977	201	-0.001	17.818	0.007
	202	-0.22	21.455	0.011
	203	0.148	17.536	0.012
	204	0.002	16.139	-0.649
	205	-0.002	24.37	2.872
	206	-0.407	20.614	0.005
	207	0.326	11.411	-0.002
	208	0.001	9.216	-1.348
	209	-0.003	26.987	5.617
	210	-0.223	23.273	0.015
	211	0.151	19.364	0.025
	212	0.001	17.885	-0.639
	213	-0.003	25.878	2.892
1990	201	-0.009	11.569	-0.001
	202	-0.169	13.711	0
	203	0.03	10.538	0

	204	-0.017	12.961	-0.323
	205	-0.009	11.738	0.463
	206	-0.289	16.434	0
	207	0.088	10.095	-0.004
	208	-0.022	13.529	-0.661
	209	-0.006	13.023	0.916
	210	-0.173	13.648	0.001
	211	0.027	10.352	0.002
	212	-0.018	13.075	-0.32
	213	-0.011	11.466	0.465
2005	201	-0.002	4.667	-0.006
	202	-0.157	8.312	-0.004
	203	0.137	1.948	-0.002
	204	0.026	-5.018	-1.751
	205	-0.005	19.366	1.056
	206	-0.244	13.196	-0.008
	207	0.171	3.787	-0.013
	208	0.032	-9.72	-3.63
	209	-0.007	35.081	2.098
	210	-0.164	7.356	-0.001
	211	0.148	0.649	0.004
	212	0.031	-6.427	-1.735
	213	-0.006	18.426	1.061
2015	201	0	21.062	0.013
	202	-0.312	23.041	0.019
	203	0.204	23.073	0.012
	204	0	21.791	-1.284
	205	-0.002	26.337	2.265
	206	-0.578	15.979	0.038
	207	0.454	16.087	0.011
	208	0.002	11.957	-2.602
	209	0	24.117	4.467
	210	-0.314	26.046	0.018
	211	0.2	26.01	0.012
	212	0	24.831	-1.292
	213	-0.003	29.261	2.266
2028	201	0	13.931	0.002
	202	-0.235	15.477	0.004
	203	0.153	15.486	0.002
	204	0	20.858	-0.238
	205	-0.003	7.762	0.893
	206	-0.396	10.529	0.011
	207	0.279	10.644	0.001
	208	0.002	18.946	-0.474

	209	0.009	-5.436	1.763
	210	-0.242	17.815	0.004
	211	0.149	17.836	0.002
	212	0	23.215	-0.241
	213	-0.004	9.92	0.893
2041	201	-0.001	17.51	0.003
	202	-0.248	18.562	0.009
	203	0.119	18.861	0.003
	204	0.002	16.033	-0.672
	205	-0.002	23.855	2.789
	206	-0.456	14.504	0.026
	207	0.26	14.295	-0.003
	208	0.001	8.675	-1.342
	209	-0.003	25.935	5.523
	210	-0.253	20.399	0.01
	211	0.121	20.675	0.006
	212	0.001	17.72	-0.681
	213	-0.003	25.549	2.79
2054	201	-0.009	11.07	-0.003
	202	-0.179	11.059	-0.001
	203	0.027	10.991	-0.003
	204	-0.016	12.411	-0.332
	205	-0.008	11.305	0.45
	206	-0.308	11.324	0.002
	207	0.078	11.475	-0.004
	208	-0.021	12.595	-0.657
	209	-0.005	12.638	0.902
	210	-0.184	10.954	-0.001
	211	0.025	10.928	-0.003
	212	-0.017	12.571	-0.338
	213	-0.01	11.094	0.449
2069	201	-0.002	4.13	-0.01
	202	-0.18	3.678	-0.005
	203	0.105	3.034	-0.009
	204	0.015	-6.822	-1.802
	205	-0.004	18.336	1.029
	206	-0.278	6.536	-0.002
	207	0.132	6.083	-0.014
	208	0.016	-11.942	-3.605
	209	-0.006	34.455	2.07
	210	-0.188	2.433	-0.004
	211	0.114	1.721	-0.007
	212	0.018	-8.301	-1.833
	213	-0.005	17.235	1.026

2091	201	0	22.097	0.012
	202	-0.376	19.728	0.031
	203	0.174	25.137	0.008
	204	0	22.283	-1.301
	205	-0.001	26.962	2.226
	206	-0.689	8.034	0.071
	207	0.376	21.561	0.011
	208	0.002	12.807	-2.6
	209	0	25.626	4.487
	210	-0.378	22.859	0.022
	211	0.171	27.864	0.007
	212	0	25.358	-1.319
	213	-0.002	29.618	2.221
2104	201	0	14.206	0.001
	202	-0.259	13.468	0.008
	203	0.139	16.678	0
	204	0	21.201	-0.241
	205	-0.003	8.127	0.878
	206	-0.435	5.702	0.023
	207	0.249	13.657	0.001
	208	0.002	19.243	-0.474
	209	0.007	-4.185	1.773
	210	-0.267	15.922	0.005
	211	0.135	18.83	0
	212	0	23.634	-0.245
	213	-0.004	10.278	0.876
2117	201	-0.001	18.208	0.001
	202	-0.3	15.523	0.02
	203	0.102	20.494	0
	204	0.002	16.881	-0.68
	205	-0.002	24.017	2.742
	206	-0.544	7.491	0.063
	207	0.217	18.24	-0.002
	208	0.002	9.428	-1.348
	209	-0.003	25.911	5.549
	210	-0.306	17.437	0.012
	211	0.104	22.378	0
	212	0.001	18.714	-0.692
	213	-0.003	25.714	2.735
2130	201	-0.008	11.832	-0.003
	202	-0.195	8.113	0.001
	203	0.025	12.662	-0.005
	204	-0.015	13.362	-0.334
	205	-0.008	11.731	0.443

	206	-0.335	4.853	0.007
	207	0.07	13.794	-0.004
	208	-0.021	13.153	-0.658
	209	-0.005	12.826	0.906
	210	-0.2	8.079	-0.001
	211	0.023	12.73	-0.005
	212	-0.016	13.652	-0.341
	213	-0.01	11.639	0.44
2145	201	-0.002	4.491	-0.011
	202	-0.217	0.15	0
	203	0.082	5.497	-0.012
	204	0.004	-5.593	-1.81
	205	-0.004	18.602	1.008
	206	-0.335	0.552	0.011
	207	0.102	8.803	-0.013
	208	0.001	-10.62	-3.606
	209	-0.006	34.771	2.076
	210	-0.226	-1.303	-0.002
	211	0.089	4.439	-0.012
	212	0.005	-6.95	-1.847
	213	-0.005	17.607	1.003
2155	201	0	22.291	0.011
	202	-0.322	28.17	0.011
	203	0.16	23.127	0.009
	204	0	22.486	-1.225
	205	-0.002	27.933	2.27
	206	-0.592	25.612	0.016
	207	0.331	12.218	0.012
	208	0.002	13.31	-2.586
	209	0	25.984	4.473
	210	-0.324	31.047	0.009
	211	0.16	26.156	0.01
	212	0	25.456	-1.221
	213	-0.003	30.727	2.268
2168	201	0	14.267	0.001
	202	-0.233	17.973	0.002
	203	0.13	14.574	0
	204	0	20.858	-0.227
	205	-0.003	7.886	0.896
	206	-0.389	15.74	0.004
	207	0.229	7.675	0.001
	208	0.001	19.324	-0.472
	209	0.004	-6.361	1.767
	210	-0.24	20.083	0.001

	211	0.128	17.193	0.001
	212	0	23.149	-0.228
	213	-0.004	10.01	0.895
2181	201	-0.001	18.218	0.001
	202	-0.259	23.524	0.003
	203	0.095	18.553	0
	204	0.001	17.002	-0.648
	205	-0.002	23.682	2.796
	206	-0.469	23.013	0.005
	207	0.192	11.35	-0.003
	208	0.002	9.624	-1.346
	209	-0.003	25.671	5.533
	210	-0.264	25.49	0.003
	211	0.098	20.496	0.002
	212	0.001	18.869	-0.65
	213	-0.003	25.35	2.793
2194	201	-0.008	11.913	-0.004
	202	-0.174	15.442	-0.003
	203	0.024	11.153	-0.005
	204	-0.014	13.006	-0.317
	205	-0.007	11.754	0.452
	206	-0.299	18.395	-0.001
	207	0.066	10.391	-0.004
	208	-0.019	13.171	-0.654
	209	-0.004	12.848	0.905
	210	-0.179	15.443	-0.003
	211	0.022	11.114	-0.004
	212	-0.015	13.257	-0.318
	213	-0.009	11.678	0.45
2206	201	-0.002	4.957	-0.011
	202	-0.194	8.289	-0.01
	203	0.064	2.4	-0.012
	204	-0.01	-6.637	-1.711
	205	-0.003	19.394	1.032
	206	-0.3	13.197	-0.008
	207	0.08	4.188	-0.014
	208	-0.018	-12.841	-3.578
	209	-0.005	34.975	2.078
	210	-0.202	7.33	-0.01
	211	0.069	1.024	-0.01
	212	-0.012	-8.14	-1.719
	213	-0.005	18.485	1.028
2225	201	-0.002	19.057	0.007
	202	-0.25	20.911	0.008

	203	0.174	20.551	0.004
	204	-0.001	18.247	-1.321
	205	-0.004	24.564	2.097
	206	-0.46	15.594	0.01
	207	0.364	14.967	0.01
	208	0	10.183	-2.63
	209	-0.003	23.938	4.145
	210	-0.251	23.179	0.006
	211	0.173	22.806	0.003
	212	-0.001	20.624	-1.325
	213	-0.005	26.884	2.093
2238	201	-0.003	12.93	-0.001
	202	-0.207	14.285	0
	203	0.136	14.258	-0.002
	204	-0.003	19.265	-0.245
	205	-0.004	6.414	0.83
	206	-0.342	10.423	0
	207	0.242	10.111	0
	208	-0.002	18.628	-0.482
	209	0.012	-5.951	1.644
	210	-0.213	16.23	-0.001
	211	0.133	16.234	-0.003
	212	-0.003	21.155	-0.246
	213	-0.005	8.252	0.829
2251	201	-0.003	16.561	-0.005
	202	-0.203	18.177	-0.003
	203	0.102	17.506	-0.006
	204	0	14.337	-0.669
	205	-0.004	21.91	2.574
	206	-0.368	14.764	-0.005
	207	0.211	13.678	-0.005
	208	0.001	7.446	-1.322
	209	-0.006	24.56	5.11
	210	-0.207	19.759	-0.003
	211	0.105	18.999	-0.006
	212	0	15.811	-0.674
	213	-0.005	23.155	2.569
2264	201	-0.011	11.09	-0.006
	202	-0.155	11.35	-0.005
	203	0.023	10.909	-0.007
	204	-0.018	12.304	-0.34
	205	-0.011	11.213	0.418
	206	-0.264	12.005	-0.005
	207	0.068	11.302	-0.005

	208	-0.021	12.645	-0.667
	209	-0.008	12.497	0.838
	210	-0.159	11.213	-0.006
	211	0.021	10.864	-0.007
	212	-0.019	12.419	-0.343
	213	-0.013	10.945	0.416
2276	201	-0.004	4.576	-0.015
	202	-0.165	3.951	-0.014
	203	0.061	3.816	-0.016
	204	-0.001	-6.118	-1.836
	205	-0.008	19.123	0.951
	206	-0.255	6.87	-0.015
	207	0.076	6.037	-0.016
	208	-0.001	-11.875	-3.646
	209	-0.012	34.873	1.92
	210	-0.172	2.837	-0.014
	211	0.067	2.733	-0.016
	212	-0.001	-7.351	-1.852
	213	-0.01	18.047	0.946
2289	201	0.02	20.985	-0.11
	202	-0.02	17.097	-0.14
	203	0.309	27.713	-0.152
	204	0.03	32.995	-1.607
	205	0.026	12.744	0.994
	206	-0.084	1.258	-0.21
	207	0.568	23.674	-0.061
	208	0.027	34.328	-2.828
	209	0.01	-8.431	1.938
	210	-0.014	20.775	-0.151
	211	0.295	31.007	-0.168
	212	0.035	36.246	-1.641
	213	0.03	16.102	0.997
2300	201	0.015	42.768	0.02
	202	-0.083	54.569	0.069
	203	0.334	45.894	0.016
	204	0.015	59.418	-1.278
	205	0.022	30.622	1.397
	206	-0.253	40.321	0.105
	207	0.614	20.123	-0.066
	208	0.008	50.313	-2.703
	209	-0.004	-11.135	2.789
	210	-0.072	63.532	0.068
	211	0.319	55.475	0.036
	212	0.019	68.44	-1.245

	213	0.027	40.226	1.386
2316	201	0.001	19.694	0.004
	202	-0.109	26.14	0.023
	203	0.158	17.888	0.002
	204	0.001	22.031	-0.378
	205	0.005	22.848	0.706
	206	-0.194	25.97	0.038
	207	0.291	9.28	-0.018
	208	-0.001	14.342	-0.793
	209	0.029	18.803	1.452
	210	-0.114	28.547	0.022
	211	0.162	20.485	0.006
	212	0.002	24.616	-0.37
	213	0.005	25.485	0.695
2338	201	0.001	19.511	-0.105
	202	-0.16	15.059	-0.162
	203	0.219	23.585	-0.155
	204	0.002	16.984	-2.101
	205	0	23.472	2.133
	206	-0.298	4.23	-0.262
	207	0.448	20.071	-0.042
	208	0.004	8.621	-3.725
	209	0.001	23.548	4.357
	210	-0.16	17.365	-0.18
	211	0.218	25.928	-0.177
	212	0.002	19.293	-2.147
	213	-0.001	25.587	2.121
2349	201	0	19.78	0.006
	202	-0.167	28.032	0.054
	203	0.249	18.705	0.003
	204	0	26.734	-1.041
	205	-0.002	13.789	3.647
	206	-0.298	26.909	0.143
	207	0.507	9.756	-0.047
	208	0.002	24.449	-2.171
	209	-0.001	1.706	7.559
	210	-0.168	30.861	0.052
	211	0.249	21.527	0.014
	212	0	29.691	-1.019
	213	-0.003	16.494	3.588
2367	201	0.001	13.165	-0.017
	202	-0.161	11.378	-0.025
	203	0.154	15.943	-0.027
	204	0.003	20.208	-0.37

	205	-0.002	6.246	0.831
	206	-0.265	4.94	-0.041
	207	0.27	13.005	-0.007
	208	0.003	19.73	-0.659
	209	0.021	-5.481	1.699
	210	-0.167	13.328	-0.029
	211	0.151	17.798	-0.031
	212	0.002	22.167	-0.378
	213	-0.003	7.901	0.827
2374	201	0	13.328	-0.002
	202	-0.155	17.552	0.014
	203	0.16	13.182	-0.003
	204	0	10.826	-0.232
	205	-0.003	21.701	0.715
	206	-0.25	15.44	0.031
	207	0.28	6.946	-0.008
	208	0	0.064	-0.475
	209	0.028	23.197	1.48
	210	-0.161	19.78	0.013
	211	0.157	15.35	-0.002
	212	0	13.184	-0.228
	213	-0.003	23.762	0.704
2387	201	0.001	15.768	-0.036
	202	-0.135	11.875	-0.069
	203	0.129	18.797	-0.058
	204	0.003	9.65	-1.028
	205	-0.001	23.149	2.565
	206	-0.244	4.39	-0.127
	207	0.262	18.121	-0.032
	208	0.005	1.099	-1.865
	209	-0.002	28.271	5.272
	210	-0.138	13.2	-0.079
	211	0.132	20.045	-0.071
	212	0.002	10.87	-1.051
	213	-0.002	24.279	2.55
2392	201	-0.002	14.778	-0.031
	202	-0.145	20.536	0.007
	203	0.145	13.305	-0.031
	204	0	17.265	-1.496
	205	-0.003	13.572	1.426
	206	-0.256	20.029	0.048
	207	0.294	7.219	-0.074
	208	0.005	15.234	-3.081
	209	-0.004	7.858	3.021

	210	-0.149	22.309	0.006
	211	0.149	14.871	-0.027
	212	0	18.825	-1.473
	213	-0.004	15.219	1.399
2404	201	-0.005	14.469	-0.06
	202	-0.115	10.894	-0.067
	203	0.03	15.157	-0.07
	204	-0.01	14.257	-0.504
	205	-0.004	16.363	0.319
	206	-0.198	9.161	-0.085
	207	0.08	16.788	-0.055
	208	-0.011	13.663	-0.869
	209	-0.001	19.694	0.713
	210	-0.118	10.555	-0.072
	211	0.028	14.906	-0.076
	212	-0.011	14.175	-0.515
	213	-0.006	15.888	0.315
2409	201	-0.011	7.141	-0.026
	202	-0.142	12.159	-0.015
	203	0.04	5.461	-0.029
	204	-0.016	-2.751	-2.029
	205	-0.01	19.58	0.966
	206	-0.239	15.627	0.007
	207	0.13	3.725	-0.091
	208	-0.026	-9.895	-4.226
	209	-0.006	30.468	2.04
	210	-0.146	12.044	-0.016
	211	0.036	5.22	-0.026
	212	-0.017	-3.044	-2
	213	-0.011	19.701	0.95
2423	201	0.012	23.477	0.012
	202	-0.117	25.551	0.026
	203	0.229	25.698	0.014
	204	0.008	38.983	-1.388
	205	0.014	5.926	1.293
	206	-0.361	17.878	0.069
	207	0.417	18.544	0.025
	208	0	43.798	-2.593
	209	-0.009	-23.786	2.651
	210	-0.102	28.749	0.025
	211	0.22	28.926	-0.015
	212	0.011	42.264	-1.407
	213	0.018	9.226	1.278
2435	201	0.001	13.883	0.005

	202	-0.129	14.413	0.009
	203	0.12	14.49	0.006
	204	0.001	13.52	-0.408
	205	0.005	17.837	0.717
	206	-0.222	12.39	0.027
	207	0.22	12.595	0.01
	208	-0.001	9.846	-0.762
	209	0.022	19.554	1.487
	210	-0.136	15.453	0.008
	211	0.124	15.375	-0.004
	212	0.002	14.655	-0.414
	213	0.004	18.805	0.707
2450	201	-0.001	15.749	0
	202	-0.208	17.072	0.009
	203	0.158	17.023	0
	204	0	20.878	-1.188
	205	-0.003	11.285	3.677
	206	-0.357	12.268	0.093
	207	0.328	12.505	0.011
	208	0.002	20.291	-2.219
	209	-0.002	2.718	7.702
	210	-0.212	18.811	0.007
	211	0.157	18.716	-0.022
	212	0	22.673	-1.206
	213	-0.004	12.976	3.622
2463	201	0	13.089	-0.001
	202	-0.174	14.58	0.001
	203	0.117	14.531	-0.001
	204	0	8.206	-0.275
	205	-0.003	21.222	0.723
	206	-0.275	9.838	0.017
	207	0.206	9.451	0.002
	208	0	-1.456	-0.515
	209	0.018	24.877	1.513
	210	-0.181	16.719	0
	211	0.115	16.578	-0.006
	212	0	9.979	-0.279
	213	-0.003	22.964	0.713
2473	201	-0.002	13.009	-0.046
	202	-0.185	13.689	-0.043
	203	0.093	13.719	-0.046
	204	0.001	15.931	-1.991
	205	-0.004	11.982	1.437
	206	-0.316	10.266	-0.019

	207	0.194	10.415	-0.043
	208	0.004	14.632	-3.767
	209	-0.005	5.245	3.064
	210	-0.191	14.904	-0.044
	211	0.095	15.059	-0.054
	212	0	17.381	-2.019
	213	-0.005	13.68	1.415
2484	201	0.009	31.211	0.025
	202	-0.167	29.811	0.005
	203	0.162	40.268	0.038
	204	0.001	47.855	-1.455
	205	0.009	15.572	1.152
	206	-0.527	6.302	-0.139
	207	0.294	29.215	0.029
	208	-0.007	47.324	-2.85
	209	-0.017	-22.933	2.279
	210	-0.143	36.423	0.012
	211	0.155	46.388	0.041
	212	0.003	54.382	-1.468
	213	0.012	22.276	1.155
2495	201	0.001	15.381	0.008
	202	-0.164	11.663	0.002
	203	0.093	19.338	0.01
	204	0	16	-0.43
	205	0.004	20.08	0.674
	206	-0.277	3.968	-0.036
	207	0.172	18.426	0.01
	208	-0.001	10.031	-0.84
	209	0.017	20.492	1.363
	210	-0.173	13.123	0.002
	211	0.096	20.737	0.01
	212	0.001	18.056	-0.435
	213	0.003	21.666	0.673
2509	201	-0.001	16.417	-0.025
	202	-0.294	10.656	-0.041
	203	0.098	21.806	-0.019
	204	0	22.342	-1.417
	205	-0.004	11.95	3.5
	206	-0.488	2.107	-0.14
	207	0.211	20.172	-0.019
	208	0.001	21.346	-2.737
	209	-0.002	3.949	7.174
	210	-0.303	12.47	-0.039
	211	0.097	23.901	-0.02

	212	0	24.41	-1.434
	213	-0.006	13.647	3.492
2521	201	0	13.372	-0.001
	202	-0.216	11.724	-0.006
	203	0.089	16.951	0
	204	0	8.057	-0.436
	205	-0.003	21.702	0.994
	206	-0.335	3.563	-0.032
	207	0.156	13.288	0.003
	208	-0.002	-2.462	-0.844
	209	0.013	25.461	2.025
	210	-0.226	13.776	-0.007
	211	0.087	19.141	-0.002
	212	-0.001	9.859	-0.442
	213	-0.003	23.515	0.993
2531	201	-0.003	13.274	-0.014
	202	-0.267	7.898	-0.024
	203	0.058	17.379	-0.011
	204	0.001	16.804	-2.068
	205	-0.007	11.903	2.002
	206	-0.442	1.406	-0.138
	207	0.127	16.367	-0.012
	208	0.003	16.596	-4.083
	209	-0.009	5.952	4.126
	210	-0.278	9.006	-0.023
	211	0.059	18.776	-0.011
	212	0	18.298	-2.094
	213	-0.009	13.354	1.995
2548	201	0.003	26.866	0.041
	202	-0.153	35.648	0.042
	203	0.099	24.561	0.042
	204	-0.011	41.861	-1.337
	205	0.005	8.814	1.439
	206	-0.48	33.379	0.091
	207	0.184	9.382	0.042
	208	-0.019	44.84	-2.76
	209	-0.018	-23.312	2.821
	210	-0.131	39.969	0.043
	211	0.094	29.31	0.043
	212	-0.011	45.508	-1.31
	213	0.007	13.334	1.447
2559	201	0	14.64	0.014
	202	-0.15	20.891	0.014
	203	0.066	11.709	0.014

	204	0	14.763	-0.394
	205	0.003	19.061	0.789
	206	-0.251	22.699	0.039
	207	0.129	7.078	0.016
	208	-0.001	9.656	-0.812
	209	0.013	20.374	1.562
	210	-0.158	21.968	0.014
	211	0.068	12.752	0.015
	212	-0.001	16.22	-0.387
	213	0.001	20.313	0.792
2573	201	-0.002	16.018	0.014
	202	-0.238	25.071	0.013
	203	0.037	12.694	0.014
	204	0	21.53	-1.167
	205	-0.006	10.823	4.256
	206	-0.393	24.887	0.152
	207	0.095	4.5	0.045
	208	0.001	21.103	-2.397
	209	-0.003	1.905	8.505
	210	-0.246	27.057	0.012
	211	0.036	14.687	0.015
	212	0	23.435	-1.146
	213	-0.008	12.477	4.268
2585	201	0	13.346	0.003
	202	-0.181	16.884	0.003
	203	0.064	12.551	0.003
	204	-0.001	8.619	-0.295
	205	-0.003	22.465	0.725
	206	-0.28	15.144	0.026
	207	0.114	5.939	0.007
	208	-0.003	-2.268	-0.608
	209	0.008	26.085	1.444
	210	-0.189	19.074	0.002
	211	0.062	14.669	0.004
	212	-0.001	10.65	-0.29
	213	-0.003	24.35	0.727
2595	201	-0.004	13.098	-0.034
	202	-0.217	19.636	-0.034
	203	0.03	10.797	-0.033
	204	0.001	16.438	-1.94
	205	-0.01	12.06	1.616
	206	-0.356	19.792	0.008
	207	0.07	5.042	-0.026
	208	0.002	15.855	-4.025

	209	-0.012	5.593	3.268
	210	-0.226	21.237	-0.034
	211	0.031	12.036	-0.031
	212	0	17.691	-1.905
	213	-0.012	13.642	1.623
2609	201	0.001	18.708	0.003
	202	-0.067	21.257	0.002
	203	0.055	21.234	0.004
	204	-0.002	26.91	-0.381
	205	-0.002	8.899	0.758
	206	-0.208	12.227	-0.013
	207	0.1	11.753	-0.005
	208	-0.006	25.133	-0.777
	209	-0.017	-12.673	1.487
	210	-0.058	25.19	0.007
	211	0.053	25.169	0.008
	212	-0.001	30.668	-0.377
	213	-0.001	12.806	0.761
2620	201	-0.003	14.23	0.017
	202	-0.119	15.334	0.012
	203	0.045	15.285	0.021
	204	-0.004	15.286	-0.431
	205	-0.002	19.412	0.838
	206	-0.198	12.144	-0.002
	207	0.093	12.026	0.018
	208	-0.005	8.62	-0.89
	209	0.005	20.488	1.637
	210	-0.125	16.986	0.014
	211	0.046	16.932	0.023
	212	-0.004	17.215	-0.427
	213	-0.003	20.944	0.839
2634	201	-0.001	15.284	0.012
	202	-0.162	16.505	0.011
	203	0.082	16.525	0.012
	204	0	20.962	-1.222
	205	-0.004	9.674	4.09
	206	-0.275	12.248	-0.015
	207	0.174	12.318	0.003
	208	0.001	20.407	-2.508
	209	-0.003	1.612	8.071
	210	-0.166	18.395	0.015
	211	0.08	18.402	0.017
	212	0	22.815	-1.211
	213	-0.005	11.192	4.095

2646	201	0	12.783	0.004
	202	-0.14	14.109	0.003
	203	0.073	14.133	0.004
	204	0	7.615	-0.287
	205	-0.003	21.838	0.806
	206	-0.22	9.403	-0.004
	207	0.129	9.333	0
	208	-0.001	-3.28	-0.584
	209	0.009	25.874	1.585
	210	-0.146	16.184	0.005
	211	0.072	16.197	0.007
	212	0	9.477	-0.286
	213	-0.004	23.603	0.808
2656	201	-0.003	12.651	-0.021
	202	-0.142	13.42	-0.02
	203	0.047	13.264	-0.019
	204	0.002	16.538	-2.104
	205	-0.007	11.244	1.607
	206	-0.241	11.073	-0.038
	207	0.104	11.173	-0.031
	208	0.003	17.611	-4.3
	209	-0.01	5.302	3.203
	210	-0.147	14.184	-0.015
	211	0.047	14.047	-0.014
	212	0.001	17.583	-2.094
	213	-0.009	12.336	1.61
2670	201	-0.003	20	0.034
	202	-0.048	14.932	0.03
	203	0.038	28.794	0.029
	204	-0.007	30.812	-0.577
	205	-0.001	7.432	1.572
	206	-0.103	-1.192	0.073
	207	0.063	26.61	0.032
	208	-0.007	31.734	-1.132
	209	-0.004	-20.001	3.32
	210	-0.045	18.333	0.029
	211	0.04	32.069	0.03
	212	-0.008	34.092	-0.586
	213	0.001	11.165	1.53
2682	201	-0.003	14.708	0
	202	-0.049	9.476	-0.001
	203	0.039	19.272	-0.001
	204	-0.001	14.842	-0.152
	205	-0.006	18.717	0.294

	206	-0.077	2.559	0.007
	207	0.071	20.202	0
	208	0.001	12.222	-0.29
	209	-0.009	20.038	0.628
	210	-0.051	10.632	-0.001
	211	0.041	20.552	0
	212	0	16.094	-0.154
	213	-0.006	19.777	0.286
2698	201	-0.006	17.021	0.008
	202	-0.092	11.597	0.003
	203	0.088	21.501	0.005
	204	-0.005	20.119	-0.724
	205	-0.009	15.78	1.294
	206	-0.161	2.642	0.037
	207	0.191	18.777	0.004
	208	-0.004	18.399	-1.396
	209	-0.009	9.414	2.748
	210	-0.093	13.296	0.005
	211	0.087	23.333	0.008
	212	-0.006	21.969	-0.732
	213	-0.01	17.711	1.26
2710	201	-0.005	12.96	0.002
	202	-0.087	10.164	0.001
	203	0.053	15.68	0.001
	204	-0.006	9.985	-0.168
	205	-0.006	18.209	0.275
	206	-0.139	2.853	0.009
	207	0.097	12.5	0.002
	208	-0.007	1.825	-0.324
	209	0.007	18.48	0.581
	210	-0.089	12.032	0.001
	211	0.051	17.851	0.002
	212	-0.006	11.803	-0.171
	213	-0.007	19.955	0.267
2720	201	-0.008	13.922	0.02
	202	-0.071	8.381	0.014
	203	0.037	17.871	0.017
	204	-0.004	14.362	-0.773
	205	-0.013	12.723	1.245
	206	-0.124	1.216	0.053
	207	0.094	16.772	0.02
	208	-0.003	10.845	-1.502
	209	-0.017	6.448	2.626
	210	-0.072	9.492	0.014

	211	0.036	19.234	0.018
	212	-0.005	15.823	-0.783
	213	-0.015	14.379	1.212
2731	201	0.019	29.734	0.064
	202	-0.295	42.265	0.055
	203	0.48	28.697	0.058
	204	-0.023	45.052	-0.93
	205	0.086	13.25	3.843
	206	-0.681	32.408	0.048
	207	0.752	6.004	-0.004
	208	-0.045	40.701	-2.085
	209	0.088	-24.475	7.363
	210	-0.268	49.531	0.053
	211	0.504	35.934	0.057
	212	-0.026	52.316	-0.908
	213	0.106	20.641	3.916
2743	201	-0.003	16.392	-0.008
	202	-0.312	23.812	-0.01
	203	0.357	13.379	-0.012
	204	0	17.63	-0.444
	205	-0.011	23.071	0.777
	206	-0.49	24.003	-0.019
	207	0.636	6.02	-0.045
	208	0	9.732	-0.949
	209	-0.02	23.438	1.485
	210	-0.321	25.622	-0.009
	211	0.367	15.294	-0.01
	212	0.005	19.776	-0.433
	213	-0.013	25.254	0.796
2758	201	-0.001	17.272	0.004
	202	-0.369	25.182	0.005
	203	0.289	15.726	0.001
	204	0	23.799	-1.826
	205	0.001	13.805	2.178
	206	-0.593	24.852	-0.019
	207	0.529	8.533	-0.141
	208	0.001	24.35	-4.003
	209	0.008	6.838	4.117
	210	-0.384	27.47	0.012
	211	0.293	17.961	0.008
	212	-0.001	25.903	-1.772
	213	-0.001	15.62	2.239
2771	201	-0.001	12.904	0.009
	202	-0.264	17.694	0.007

	203	0.246	12.982	0.006
	204	0.002	7.372	-0.693
	205	-0.005	20.149	0.624
	206	-0.396	15.299	-0.001
	207	0.418	5.992	-0.044
	208	0.008	-6.105	-1.517
	209	0.003	21.017	1.162
	210	-0.278	20.146	0.008
	211	0.245	15.294	0.007
	212	0.001	9.622	-0.674
	213	-0.007	22.216	0.642
2781	201	-0.002	13.849	0.093
	202	-0.304	20.59	0.094
	203	0.231	11.452	0.084
	204	0.003	15.678	-1.772
	205	-0.003	10.831	2.292
	206	-0.507	20.773	0.085
	207	0.439	5.762	-0.045
	208	0.003	13.021	-3.967
	209	-0.001	4.18	4.179
	210	-0.315	22.172	0.095
	211	0.231	12.837	0.086
	212	0.002	17.102	-1.725
	213	-0.005	12.061	2.365
2789	201	0.022	24.259	0.069
	202	-0.24	27.469	0.068
	203	0.538	27.361	0.066
	204	-0.006	38.246	-0.768
	205	0.096	5.261	4.206
	206	-0.594	16.433	0.166
	207	0.843	15.955	0.083
	208	-0.026	40.272	-1.628
	209	0.082	-27.457	8.412
	210	-0.211	31.97	0.067
	211	0.566	31.96	0.065
	212	-0.005	42.098	-0.755
	213	0.118	9.74	4.211
2799	201	-0.001	15.126	-0.01
	202	-0.272	16.08	-0.009
	203	0.395	15.914	-0.01
	204	0.001	14.267	-0.372
	205	-0.006	23.058	0.791
	206	-0.437	13.746	0.014
	207	0.705	13.674	-0.003

	208	0.001	7.446	-0.741
	209	-0.015	26.996	1.591
	210	-0.279	17.294	-0.008
	211	0.406	17.172	-0.01
	212	0.007	16.023	-0.366
	213	-0.007	24.51	0.793
2812	201	-0.001	16.845	0.013
	202	-0.333	18.323	0.017
	203	0.226	18.181	0.015
	204	0	20.545	-1.528
	205	0	15.762	2.003
	206	-0.513	13.294	0.06
	207	0.412	13.523	0.018
	208	0.001	18.642	-3.15
	209	0.006	10.206	3.994
	210	-0.351	20.493	0.023
	211	0.23	20.225	0.021
	212	-0.001	22.58	-1.494
	213	-0.002	17.618	2.012
2823	201	-0.001	12.89	0.01
	202	-0.209	14.317	0.011
	203	0.246	14.393	0.01
	204	0.001	7.806	-0.579
	205	-0.004	20.479	0.523
	206	-0.313	9.758	0.029
	207	0.422	9.45	0.017
	208	0.006	-3.94	-1.191
	209	0.002	21.981	1.032
	210	-0.22	16.55	0.012
	211	0.245	16.65	0.01
	212	0.001	9.991	-0.568
	213	-0.006	22.486	0.526
2833	201	-0.002	9.628	-0.081
	202	-0.23	10.467	-0.082
	203	0.235	10.55	-0.083
	204	0.004	6.703	-1.803
	205	-0.004	18.276	1.07
	206	-0.379	6.489	-0.045
	207	0.443	6.485	-0.07
	208	0.005	-0.862	-3.604
	209	-0.004	20.793	2.227
	210	-0.238	11.938	-0.082
	211	0.235	12.029	-0.084
	212	0.004	8.456	-1.771

	213	-0.005	20.157	1.072
2844	201	0.029	15.965	0.063
	202	-0.216	10.085	0.025
	203	0.666	25.312	0.056
	204	0.011	30.264	-0.949
	205	0.117	-3.56	4.176
	206	-0.585	-0.221	-0.033
	207	1.04	27.25	0.057
	208	-0.011	38.853	-1.838
	209	0.085	-28.154	8.694
	210	-0.182	11.818	0.018
	211	0.702	27.318	0.054
	212	0.016	31.844	-0.958
	213	0.145	-1.546	4.089
2854	201	0	13.456	-0.016
	202	-0.258	8.444	-0.035
	203	0.47	18.139	-0.018
	204	0.002	10.469	-0.45
	205	-0.003	20.533	0.779
	206	-0.425	3.17	-0.06
	207	0.839	20.379	-0.018
	208	0.001	5.678	-0.83
	209	-0.011	25.933	1.64
	210	-0.263	9.038	-0.037
	211	0.483	18.903	-0.018
	212	0.009	11.247	-0.454
	213	-0.003	21.134	0.764
2867	201	0	16.42	0
	202	-0.341	14.602	-0.069
	203	0.187	19.079	0.001
	204	0	20.376	-1.876
	205	0	14.359	1.977
	206	-0.503	8.498	-0.201
	207	0.339	15.646	-0.006
	208	0	19.449	-3.546
	209	0.005	7.638	4.121
	210	-0.367	16.402	-0.075
	211	0.19	21.005	0.003
	212	-0.001	22.083	-1.887
	213	-0.002	16.193	1.94
2878	201	-0.001	12.94	0.005
	202	-0.173	12.63	-0.023
	203	0.27	16.308	0.003
	204	0.001	6.651	-0.709

	205	-0.004	20.282	0.515
	206	-0.258	5.517	-0.069
	207	0.468	13.02	0.003
	208	0.005	-5.084	-1.34
	209	0.002	21.707	1.06
	210	-0.182	14.677	-0.026
	211	0.268	18.407	0.003
	212	0.001	8.634	-0.715
	213	-0.005	22.237	0.505
2888	201	-0.002	11.003	-0.09
	202	-0.181	7.184	-0.17
	203	0.266	15.756	-0.092
	204	0.004	8.269	-2.181
	205	-0.003	18.796	1.053
	206	-0.295	-0.655	-0.305
	207	0.502	14.195	-0.086
	208	0.004	-0.128	-4.037
	209	-0.004	20.728	2.297
	210	-0.188	8.906	-0.181
	211	0.265	17.695	-0.094
	212	0.004	10.243	-2.198
	213	-0.005	20.891	1.029
2895	201	0.041	21.521	0.055
	202	-0.212	26.133	0.096
	203	0.805	17.598	0.071
	204	0.03	30.672	-0.935
	205	0.147	7.743	3.331
	206	-0.627	19.21	0.112
	207	1.255	5.846	0.103
	208	0.003	30.101	-2.107
	209	0.109	-17.595	6.721
	210	-0.17	29.824	0.099
	211	0.849	20.817	0.076
	212	0.039	34.135	-0.946
	213	0.18	11.133	3.345
2905	201	0.005	15.944	-0.02
	202	-0.249	16.928	-0.003
	203	0.533	12.325	-0.016
	204	0.007	17.828	-0.39
	205	0.004	14.93	0.644
	206	-0.425	17.441	0.005
	207	0.948	6.915	-0.006
	208	0.006	17.403	-0.8
	209	-0.006	13.521	1.285

	210	-0.253	17.292	-0.002
	211	0.548	12.712	-0.014
	212	0.016	17.951	-0.394
	213	0.005	15.25	0.649
2918	201	-0.007	11.42	0.001
	202	-0.281	10.848	0.023
	203	0.133	11.899	0.008
	204	-0.006	5.795	-0.528
	205	-0.009	20.758	0.784
	206	-0.395	10.541	0.032
	207	0.235	11.854	0.023
	208	-0.002	-2.988	-1.129
	209	-0.007	28.512	1.507
	210	-0.305	10.982	0.026
	211	0.136	12.189	0.011
	212	-0.007	5.73	-0.532
	213	-0.011	20.93	0.791
2929	201	-0.007	12.428	0.003
	202	-0.176	15.168	0.029
	203	0.343	9.861	0.012
	204	-0.005	12.556	-0.455
	205	-0.009	11.619	0.912
	206	-0.258	16.046	0.041
	207	0.602	5.675	0.032
	208	0	11.755	-0.946
	209	-0.001	9.64	1.742
	210	-0.186	15.718	0.032
	211	0.34	10.462	0.016
	212	-0.006	13.009	-0.458
	213	-0.011	12.033	0.92
2939	201	-0.006	9.237	-0.081
	202	-0.176	14.447	-0.019
	203	0.35	6.265	-0.05
	204	0	1.385	-1.163
	205	-0.009	24.823	2.617
	206	-0.278	15.283	0.009
	207	0.663	1.347	0.015
	208	0.001	-7.567	-2.413
	209	-0.009	37.625	5.129
	210	-0.183	15.323	-0.016
	211	0.348	7.158	-0.043
	212	0	2.107	-1.173
	213	-0.011	25.471	2.638
2960	201	0.003	7.539	0.008

	202	-0.117	9.986	0.01
	203	0.025	6.521	0.008
	204	-0.009	-4.926	-1.856
	205	-0.001	29.237	1.201
	206	-0.194	13.289	0.012
	207	0.044	6.537	-0.006
	208	-0.033	-15.408	-3.529
	209	-0.004	49.657	2.463
	210	-0.123	9.802	0.01
	211	0.026	6.325	0.007
	212	-0.013	-5.267	-1.887
	213	-0.001	29.182	1.19
2967	201	-0.002	13.035	-0.008
	202	-0.276	17.42	0.001
	203	0.137	12.393	-0.006
	204	-0.002	18.503	-0.346
	205	-0.005	2.211	0.99
	206	-0.558	16.391	0.014
	207	0.239	6.789	0
	208	0.008	17.834	-0.64
	209	-0.053	-13.118	2.014
	210	-0.271	19.232	0
	211	0.138	14.328	-0.008
	212	-0.002	20.262	-0.351
	213	-0.004	3.998	0.983
2981	201	-0.002	17.553	-0.017
	202	-0.257	24.916	-0.007
	203	0.104	15.184	-0.015
	204	-0.002	12.381	-1.05
	205	-0.003	30.416	2.853
	206	-0.599	26.969	0.004
	207	0.214	8.22	-0.017
	208	-0.003	3.966	-1.97
	209	-0.002	41.023	5.83
	210	-0.254	26.624	-0.006
	211	0.109	16.731	-0.016
	212	-0.002	13.928	-1.067
	213	-0.003	31.717	2.833
2995	201	-0.003	12.275	-0.01
	202	-0.156	16.793	-0.002
	203	0.028	10.44	-0.008
	204	-0.004	12.207	-0.441
	205	-0.005	16.492	0.589
	206	-0.333	21.052	0.009

	207	0.076	8.074	-0.005
	208	0.02	10.697	-0.822
	209	-0.007	20.457	1.203
	210	-0.156	17.064	-0.003
	211	0.022	10.771	-0.01
	212	-0.005	12.635	-0.448
	213	-0.006	16.818	0.585
3011	201	-0.003	8.645	-0.062
	202	-0.121	6.985	-0.079
	203	0.048	8.022	-0.101
	204	-0.004	-3.037	-2.614
	205	-0.003	22.543	0.862
	206	-0.188	8.807	-0.173
	207	0.063	11.379	-0.038
	208	0.001	-9.133	-4.708
	209	-0.002	38.652	1.844
	210	-0.127	5.509	-0.108
	211	0.052	6.752	-0.136
	212	-0.004	-4.429	-2.678
	213	-0.004	21.328	0.851
6142	201	0.002	11.952	-0.013
	202	-0.095	17.004	0.01
	203	0.022	11.232	-0.01
	204	0.001	17.623	-0.482
	205	0.004	4.568	0.838
	206	-0.249	19.684	0.031
	207	0.074	8.744	0.002
	208	0	20.305	-0.884
	209	0.002	-6.262	1.701
	210	-0.093	17.803	0.008
	211	0.02	11.929	-0.014
	212	0	18.553	-0.489
	213	0.004	5.478	0.833
6156	201	0.004	27.164	0.004
	202	-0.225	24.392	0.007
	203	0.05	31.31	0.006
	204	0.005	40.772	-1.062
	205	0.003	10.117	1.623
	206	-0.566	9.906	0.071
	207	0.158	27.949	0.004
	208	0.004	44.411	-2.15
	209	-0.008	-16.907	3.221
	210	-0.22	27.647	0.009
	211	0.047	34.108	0.007

	212	0.005	43.914	-1.061
	213	0.003	13.409	1.627
6169	201	0	28.849	0.005
	202	-0.196	35.076	0.008
	203	0.044	29.35	0.008
	204	0	42.125	-1.025
	205	0	12.068	1.677
	206	-0.499	33.335	0.009
	207	0.157	19.439	0.013
	208	-0.001	45.444	-2.11
	209	0.009	-18.022	3.283
	210	-0.191	38.195	0.01
	211	0.041	32.855	0.01
	212	0	45.414	-1.022
	213	0	15.661	1.682
6190	201	0	30.139	0.007
	202	-0.171	32.636	0.01
	203	0.051	32.676	0.009
	204	0	43.192	-0.967
	205	0.001	13.755	1.629
	206	-0.445	23.804	0.025
	207	0.182	24.317	0.006
	208	0	45.553	-2.039
	209	0.036	-15.412	3.165
	210	-0.165	36.308	0.012
	211	0.047	36.44	0.011
	212	0	46.944	-0.955
	213	0	17.835	1.64
6205	201	0	31.675	0.007
	202	-0.152	31.263	0.018
	203	0.06	35.971	0.01
	204	0	44.795	-0.948
	205	0.001	15.942	1.621
	206	-0.408	13.54	0.072
	207	0.214	30.098	0.006
	208	0	46.267	-2.035
	209	0.065	-12.913	3.146
	210	-0.145	35.826	0.019
	211	0.054	39.902	0.012
	212	0	49	-0.926
	213	0.001	20.579	1.632
6222	201	0.001	33.169	0.008
	202	-0.146	39.21	0.009
	203	0.066	34.541	0.011

	204	0	45.955	-0.935
	205	0.001	17.348	1.591
	206	-0.408	34.472	0.007
	207	0.239	19.182	0.007
	208	0	46.731	-2.038
	209	0.082	-16.138	3.074
	210	-0.138	43.607	0.011
	211	0.059	39.488	0.014
	212	0.001	50.404	-0.911
	213	0.001	22.298	1.609
6237	201	0	36.795	0.011
	202	-0.146	40.731	0.022
	203	0.058	40.848	0.02
	204	0	49.441	-0.888
	205	0.001	21.034	1.592
	206	-0.426	25.185	0.032
	207	0.217	25.624	0.011
	208	0	47.179	-2.047
	209	0.059	-13.295	3.035
	210	-0.136	47.157	0.028
	211	0.05	47.214	0.027
	212	0	55.354	-0.846
	213	0.001	27.469	1.617
6255	201	0	35.155	0.01
	202	-0.152	34.186	0.024
	203	0.051	39.155	0.011
	204	0	48.169	-0.932
	205	0.001	20.192	1.555
	206	-0.459	12.951	0.041
	207	0.203	29.058	0.005
	208	0	46.69	-2.083
	209	0.037	-12.524	3.013
	210	-0.14	40.493	0.033
	211	0.043	45.075	0.014
	212	0	53.678	-0.898
	213	0.001	26.299	1.576
6270	201	0	33.664	0.009
	202	-0.136	41.808	0.011
	203	0.047	37.108	0.012
	204	0	47.14	-0.999
	205	0.001	19.542	1.527
	206	-0.422	35.708	0.007
	207	0.198	19.898	0.009
	208	0	46.394	-2.09

	209	0.039	-13.551	2.968
	210	-0.124	46.893	0.013
	211	0.038	42.545	0.016
	212	0	52.275	-0.977
	213	0.001	25.283	1.542
6287	201	0	32.729	0.009
	202	-0.119	36.36	0.011
	203	0.045	36.146	0.011
	204	0	46.036	-0.992
	205	0.001	19.535	1.5
	206	-0.379	24.898	0.006
	207	0.211	24.402	0.005
	208	0	45.929	-2.06
	209	0.054	-11.558	2.919
	210	-0.107	41.282	0.014
	211	0.035	41.123	0.014
	212	0	50.828	-0.976
	213	0.001	25.011	1.512
6320	201	0	32.274	0.008
	202	-0.102	39.709	0.009
	203	0.044	35.322	0.011
	204	0	45.754	-0.994
	205	0.001	19.899	1.476
	206	-0.354	33.557	0.006
	207	0.249	19.02	0.005
	208	0	45.317	-2.067
	209	0.082	-12.449	2.897
	210	-0.088	44.709	0.012
	211	0.03	40.524	0.014
	212	0	50.668	-0.974
	213	0.001	25.599	1.487
6334	201	0.001	30.436	0.008
	202	-0.103	33.799	0.01
	203	0.039	33.789	0.01
	204	0	44.268	-1.031
	205	0.001	18.63	1.463
	206	-0.374	23.142	0.006
	207	0.224	23.147	0.005
	208	0	44.287	-2.064
	209	0.062	-11.206	2.874
	210	-0.086	38.512	0.012
	211	0.027	38.45	0.012
	212	0	48.919	-1.017
	213	0.001	23.981	1.47

6352	201	0.001	33.068	0.009
	202	-0.106	34.712	0.014
	203	0.034	38.281	0.01
	204	0.001	46.017	-1.003
	205	0.001	21.278	1.476
	206	-0.406	14.188	0.023
	207	0.206	29.236	0.005
	208	0	45.099	-2.065
	209	0.043	-8.975	2.905
	210	-0.086	40.122	0.016
	211	0.024	43.503	0.013
	212	0.001	51.092	-0.984
	213	0.001	27.121	1.486
6366	201	0.001	36.848	0.009
	202	-0.1	44.416	0.011
	203	0.031	39.249	0.013
	204	0.001	49.505	-0.952
	205	0.001	24.364	1.46
	206	-0.375	36.82	0.007
	207	0.197	19.888	0.005
	208	0	45.917	-2.032
	209	0.043	-9.506	2.854
	210	-0.082	50.779	0.014
	211	0.022	45.752	0.016
	212	0.001	55.822	-0.942
	213	0.001	30.909	1.473
6383	201	0.001	36.56	0.01
	202	-0.094	41.211	0.012
	203	0.029	41.1	0.012
	204	0	48.969	-0.947
	205	0.001	24.836	1.444
	206	-0.339	25.296	0.006
	207	0.208	25.068	0.004
	208	0	44.917	-2.026
	209	0.05	-8.387	2.801
	210	-0.08	47.929	0.016
	211	0.02	47.817	0.015
	212	0	55.59	-0.936
	213	0.001	31.769	1.461
6394	201	0.001	36.34	0.01
	202	-0.09	38.13	0.015
	203	0.029	41.383	0.011
	204	0.001	49.109	-0.99
	205	0.001	25.714	1.43

	206	-0.315	15.792	0.026
	207	0.227	30.586	0.005
	208	0	45.539	-2.062
	209	0.06	-6.091	2.792
	210	-0.079	45.098	0.019
	211	0.019	47.849	0.014
	212	0	55.207	-0.971
	213	0.001	32.537	1.444
6413	201	0.001	36.875	0.01
	202	-0.092	43.721	0.011
	203	0.029	40.55	0.013
	204	0.001	49.367	-0.971
	205	0.001	26.318	1.446
	206	-0.321	35.097	0.007
	207	0.24	20.311	0.004
	208	0	45.966	-2.047
	209	0.066	-7.634	2.816
	210	-0.082	49.875	0.014
	211	0.019	47.179	0.017
	212	0.001	55.44	-0.94
	213	0.001	33.114	1.462
6427	201	0.001	40.883	0.013
	202	-0.099	46.446	0.028
	203	0.027	46.05	0.014
	204	0	53.994	-0.852
	205	0.001	29.674	1.482
	206	-0.341	28.6	0.014
	207	0.208	27.136	0.005
	208	0	46.706	-1.984
	209	0.049	-5.62	2.826
	210	-0.089	54.384	0.035
	211	0.019	54.071	0.019
	212	0	61.516	-0.795
	213	0.001	37.497	1.502
6444	201	0	32.407	0.01
	202	-0.108	30.14	0.04
	203	0.027	36.293	0.01
	204	0	45.333	-0.984
	205	0.001	21.285	1.481
	206	-0.372	11.779	0.023
	207	0.183	28.753	0.004
	208	0.001	44.295	-2.054
	209	0.034	-7.138	2.865
	210	-0.098	35.317	0.049

	211	0.02	41.048	0.013
	212	0	50.081	-0.966
	213	0.001	26.582	1.495
6458	201	0.001	30.225	0.009
	202	-0.099	38.221	0.011
	203	0.028	32.503	0.011
	204	0.001	43.78	-1.156
	205	0.001	19.554	1.557
	206	-0.34	35.016	0.007
	207	0.166	18.111	0.003
	208	0.002	43.913	-2.297
	209	0.029	-7.648	3.045
	210	-0.091	42.467	0.013
	211	0.023	37.172	0.014
	212	0.001	48.199	-1.155
	213	0	24.015	1.567
6474	201	-0.005	29.899	0.017
	202	-0.127	32.666	0.026
	203	0.002	32.81	0.018
	204	-0.004	40.176	-0.562
	205	-0.006	22.218	0.939
	206	-0.453	23.65	0.018
	207	0.153	23.246	0.009
	208	-0.004	37.932	-1.098
	209	0.025	-0.782	1.816
	210	-0.113	36.777	0.03
	211	-0.003	36.935	0.02
	212	-0.003	44.318	-0.565
	213	-0.007	26.245	0.95
6488	201	-0.002	43.779	0.037
	202	-0.253	46.321	0.097
	203	0.215	51.154	0.029
	204	-0.007	57.789	-1.134
	205	0.009	32.44	1.598
	206	-0.457	17.458	0.065
	207	0.513	33.224	0.018
	208	-0.011	46.475	-2.474
	209	0.077	-5.433	3.03
	210	-0.262	54.963	0.119
	211	0.207	59.865	0.033
	212	-0.007	66.331	-1.088
	213	0.006	41.379	1.624
6505	201	0.001	42.563	0.027
	202	-0.261	51.063	0.028

	203	0.225	46.806	0.033
	204	-0.002	55.758	-1.014
	205	0.009	31.287	1.393
	206	-0.481	37.679	0.023
	207	0.527	23.824	0.018
	208	-0.005	45.05	-2.196
	209	0.078	-5.952	2.639
	210	-0.27	59.656	0.033
	211	0.217	55.307	0.043
	212	-0.002	64.423	-0.982
	213	0.007	40.085	1.414
6518	201	0.001	38.055	0.023
	202	-0.29	42.623	0.029
	203	0.191	42.817	0.024
	204	-0.001	49.68	-1.066
	205	0.008	26.606	1.358
	206	-0.537	26.239	0.035
	207	0.429	26.129	0.016
	208	-0.004	43.695	-2.186
	209	0.062	-7.162	2.602
	210	-0.301	49.598	0.032
	211	0.186	49.897	0.027
	212	-0.001	56.777	-1.069
	213	0.006	33.914	1.37
6535	201	0.001	37.143	0.021
	202	-0.342	37.74	0.037
	203	0.174	42.062	0.02
	204	0	48.307	-1.079
	205	0.008	27.016	1.339
	206	-0.635	16.847	0.057
	207	0.367	33.553	0.018
	208	-0.003	45.378	-2.183
	209	0.052	-4.328	2.618
	210	-0.354	43.498	0.034
	211	0.172	47.501	0.022
	212	0	53.83	-1.091
	213	0.006	33.303	1.347
6548	201	0.001	38.848	0.021
	202	-0.295	46.11	0.023
	203	0.172	41.417	0.021
	204	0	50.068	-1.015
	205	0.008	26.915	1.361
	206	-0.55	40.587	0.023
	207	0.335	23.411	0.016

	208	-0.002	46.658	-2.17
	209	0.046	-4.326	2.605
	210	-0.305	51.584	0.024
	211	0.172	47.26	0.024
	212	0.001	55.571	-1.009
	213	0.007	32.931	1.37
6564	201	-0.004	32.008	0.016
	202	-0.235	34.964	0.018
	203	0.187	35.168	0.016
	204	-0.006	43.391	-1.1
	205	0.005	19.204	1.226
	206	-0.439	24.262	0.014
	207	0.367	24.022	0.015
	208	-0.008	42.136	-2.209
	209	0.045	-8.903	2.358
	210	-0.244	39.623	0.019
	211	0.189	39.877	0.017
	212	-0.005	48.01	-1.1
	213	0.004	24.376	1.234
6578	201	0.004	15.777	-0.031
	202	-0.102	11.531	-0.041
	203	0.144	19.437	-0.045
	204	0.005	17.691	-0.506
	205	0.01	15.189	0.526
	206	-0.195	3.148	-0.061
	207	0.267	18.552	-0.016
	208	0.002	15.758	-0.89
	209	0.033	7.904	1.078
	210	-0.106	13.082	-0.045
	211	0.147	20.936	-0.051
	212	0.006	19.258	-0.517
	213	0.011	17.181	0.523
8431	201	0.012	12.749	-0.047
	202	-0.129	12.892	-0.026
	203	0.155	12.857	-0.041
	204	0.009	19.183	-0.489
	205	0.015	3.364	0.685
	206	-0.18	13.707	-0.016
	207	0.287	12.52	-0.03
	208	0.008	25.028	-0.974
	209	0.026	-5.759	1.377
	210	-0.142	12.891	-0.023
	211	0.155	12.933	-0.039
	212	0.009	19.387	-0.493

	213	0.014	3.29	0.691
8441	201	0.012	16.819	-0.002
	202	-0.074	17.725	0.018
	203	0.189	17.487	0.002
	204	0.014	16.709	-0.405
	205	0.017	20.37	0.728
	206	-0.204	14.111	0.027
	207	0.335	13.719	0.011
	208	0.013	12.427	-0.831
	209	0.01	21.732	1.437
	210	-0.061	18.926	0.02
	211	0.194	18.66	0.004
	212	0.015	18.38	-0.409
	213	0.02	21.526	0.733
8563	201	0.016	23.478	0.152
	202	-0.197	30.937	0.179
	203	0.605	23.675	0.136
	204	0.011	31.51	-0.497
	205	0.099	21.765	0.931
	206	-0.561	23.001	0.182
	207	0.956	9.319	0.141
	208	-0.011	24.773	-1.002
	209	0.067	0.132	2.212
	210	-0.16	35.938	0.182
	211	0.638	28.803	0.12
	212	0.018	36.646	-0.535
	213	0.123	27.362	0.922
8571	201	-0.011	14.415	-0.008
	202	-0.218	17.386	0
	203	0.393	12.552	-0.012
	204	-0.009	14.902	-0.224
	205	-0.013	14.737	0.222
	206	-0.363	19.002	-0.001
	207	0.713	11.24	-0.011
	208	-0.01	14.723	-0.404
	209	-0.023	14.29	0.462
	210	-0.222	17.7	0.001
	211	0.403	12.639	-0.016
	212	-0.003	15.139	-0.235
	213	-0.012	15.015	0.221
8579	201	0	9.9	0.048
	202	-0.269	12.419	0.063
	203	0.073	7	0.041
	204	-0.001	1.851	-0.31

	205	-0.003	15.862	0.432
	206	-0.378	17.483	0.062
	207	0.13	10.551	0.04
	208	0	0.326	-0.606
	209	-0.002	25.426	0.766
	210	-0.294	11.134	0.065
	211	0.075	4.991	0.033
	212	-0.003	-0.118	-0.327
	213	-0.004	14.411	0.432
8587	201	-0.001	10.303	0.006
	202	-0.13	10.501	0.016
	203	0.262	9.731	0.003
	204	0.002	14.463	-0.255
	205	-0.006	1.927	0.389
	206	-0.194	11.645	0.01
	207	0.457	9.896	-0.002
	208	0.006	18.287	-0.483
	209	-0.004	-5.092	0.709
	210	-0.137	10.215	0.019
	211	0.26	9.673	0
	212	0.002	14.527	-0.264
	213	-0.007	1.569	0.391
8594	201	-0.004	6.396	-0.001
	202	-0.129	6.766	0.023
	203	0.268	6.394	-0.02
	204	0.001	1.597	-0.67
	205	-0.005	15.617	1.084
	206	-0.209	5.937	0.024
	207	0.511	5.868	-0.021
	208	0.001	-2.738	-1.212
	209	-0.006	23.377	2.078
	210	-0.134	7.075	0.026
	211	0.265	6.424	-0.037
	212	0.001	1.512	-0.704
	213	-0.006	15.969	1.086
8610	201	-0.011	9.015	-0.037
	202	-0.148	9.907	-0.029
	203	0.131	6.785	-0.041
	204	-0.013	15.235	-0.299
	205	-0.006	1.631	0.237
	206	-0.197	15.013	-0.033
	207	0.262	9.891	-0.043
	208	-0.015	24.153	-0.514
	209	0.005	-0.263	0.494

	210	-0.161	8.515	-0.027
	211	0.132	5.259	-0.046
	212	-0.014	14.139	-0.311
	213	-0.008	0.1	0.238
8620	201	-0.009	18.659	-0.004
	202	-0.092	22.565	0.005
	203	0.166	18.968	-0.005
	204	-0.008	17.293	-0.237
	205	-0.003	23.721	0.239
	206	-0.219	17.279	0
	207	0.311	10.944	-0.009
	208	-0.009	7.221	-0.442
	209	-0.009	23.725	0.502
	210	-0.08	25.353	0.007
	211	0.17	21.749	-0.008
	212	-0.007	20.466	-0.245
	213	0	26.312	0.239
8670	201	0.003	35.861	0.025
	202	-0.052	43.326	0.026
	203	0.05	43.624	0.026
	204	-0.005	49.682	-1.302
	205	0.01	33.682	1.591
	206	-0.115	16.828	-0.006
	207	0.079	16.804	0.015
	208	-0.005	30.224	-2.693
	209	0.015	-4.581	3.094
	210	-0.049	54.796	0.031
	211	0.052	55.097	0.032
	212	-0.008	61.108	-1.286
	213	0.011	45.436	1.599
8838	201	0	23.001	0.003
	202	-0.199	22.675	0.014
	203	0.093	26.028	0.001
	204	0	22.917	-1.131
	205	0	27.437	2.218
	206	-0.472	9.96	0.063
	207	0.295	21.352	0.003
	208	0	11.844	-2.377
	209	0	22.82	4.393
	210	-0.188	26.254	0.016
	211	0.085	29.175	-0.001
	212	0	26.327	-1.114
	213	0	30.452	2.225
8839	201	0	14.348	0.004

	202	-0.161	14.165	0.011
	203	0.075	16.38	0.004
	204	0	20.76	-0.263
	205	-0.003	4.815	0.884
	206	-0.345	6.668	0.025
	207	0.186	13.231	0.003
	208	0.002	18.686	-0.534
	209	-0.024	-12.028	1.754
	210	-0.156	16.512	0.013
	211	0.067	18.408	0.004
	212	0	23.101	-0.262
	213	-0.003	6.999	0.886
8840	201	0	18.966	-0.003
	202	-0.121	18.386	0.007
	203	0.039	21.388	-0.002
	204	0	17.332	-0.821
	205	0	27.873	2.573
	206	-0.315	10.805	0.051
	207	0.152	18.733	-0.005
	208	0	9.964	-1.677
	209	0	34.036	5.136
	210	-0.117	20.371	0.012
	211	0.038	23.322	0
	212	0	19.201	-0.819
	213	-0.001	29.214	2.58
8841	201	-0.001	12.104	0
	202	-0.082	9.901	0.005
	203	0.007	12.788	0
	204	-0.002	13.969	-0.342
	205	-0.003	13.251	0.522
	206	-0.2	7.35	0.012
	207	0.019	13.464	-0.001
	208	0.003	14.213	-0.682
	209	-0.004	14.929	1.044
	210	-0.084	9.977	0.006
	211	0.005	12.868	0
	212	-0.002	14.277	-0.343
	213	-0.004	13.377	0.523
8842	201	0	6.54	0.012
	202	-0.127	2.827	0.014
	203	0.056	7.418	0.013
	204	-0.01	-5.928	-1.552
	205	-0.001	22.76	1.16
	206	-0.201	2.288	0.033

	207	0.084	9.839	0.012
	208	-0.004	-15.093	-3.163
	209	-0.001	38.766	2.337
	210	-0.135	1.932	0.016
	211	0.06	6.79	0.013
	212	-0.013	-6.957	-1.561
	213	-0.001	22.521	1.159
8843	201	0	34.125	0.009
	202	-0.106	33.091	0.018
	203	0.045	38.536	0.01
	204	0	47.55	-0.961
	205	0.001	21.118	1.498
	206	-0.35	13.065	0.043
	207	0.232	29.789	0.005
	208	0	46.139	-2.056
	209	0.071	-9.656	2.903
	210	-0.093	38.783	0.023
	211	0.033	44.037	0.013
	212	0	52.72	-0.941
	213	0.001	27.05	1.512
8926	201	0.002	7.639	-0.01
	202	-0.141	8.04	-0.009
	203	0.062	7.906	-0.01
	204	0.007	-4.239	-2.357
	205	-0.001	22.512	1.097
	206	-0.23	7.808	0.009
	207	0.097	7.154	-0.007
	208	0.007	-16.73	-4.509
	209	-0.001	35.942	2.319
	210	-0.143	8.421	-0.009
	211	0.065	8.447	-0.016
	212	0.008	-3.853	-2.392
	213	-0.001	22.945	1.08
8930	201	0	7.123	-0.012
	202	-0.19	2.848	-0.023
	203	0.054	9.528	-0.011
	204	0.006	-5.052	-2.426
	205	-0.002	22.019	1.352
	206	-0.307	-1.499	-0.14
	207	0.085	10.674	-0.011
	208	0.005	-16.292	-4.811
	209	-0.004	36.332	2.795
	210	-0.193	2.899	-0.023
	211	0.057	9.691	-0.01

	212	0.006	-5.179	-2.458
	213	-0.003	22.204	1.347
8934	201	0	7.89	0.003
	202	-0.154	12.384	0.004
	203	0.039	5.798	0.003
	204	0.004	-4.128	-2.333
	205	-0.004	23.644	1.261
	206	-0.249	15.103	0.033
	207	0.064	3.647	0.009
	208	0.002	-17.991	-4.911
	209	-0.01	37.087	2.521
	210	-0.156	12.941	0.004
	211	0.041	6.07	0.004
	212	0.005	-3.562	-2.289
	213	-0.004	24.184	1.266
8938	201	-0.001	5.611	0.009
	202	-0.101	5.515	0.009
	203	0.059	5.397	0.01
	204	0.005	-7.58	-2.515
	205	0.001	21.875	1.228
	206	-0.163	5.987	-0.002
	207	0.094	6.231	0.002
	208	0.006	-19.102	-5.185
	209	0.007	37.159	2.418
	210	-0.102	5.109	0.012
	211	0.062	5.011	0.013
	212	0.006	-8.087	-2.503
	213	0.001	21.846	1.23
8942	201	-0.006	7.597	-0.033
	202	-0.047	3.657	-0.036
	203	0.049	10.091	-0.037
	204	-0.004	2.317	-0.697
	205	0.005	20.092	1.089
	206	-0.074	0.077	0
	207	0.082	10.925	-0.035
	208	-0.001	-4.718	-1.304
	209	0.025	31.183	2.354
	210	-0.048	3.98	-0.036
	211	0.052	10.454	-0.036
	212	-0.003	2.828	-0.706
	213	0.005	20.412	1.059
8946	201	-0.009	7.404	-0.102
	202	-0.267	11.715	-0.108
	203	0.22	4.977	-0.105

	204	0.037	-1.025	-1.558
	205	-0.035	22.532	1.64
	206	-0.423	13.047	-0.12
	207	0.347	1.903	-0.205
	208	0.058	-10.871	-3.277
	209	-0.071	34.983	3.133
	210	-0.273	12.337	-0.106
	211	0.232	5.276	-0.103
	212	0.04	-0.631	-1.52
	213	-0.037	23.214	1.699
9001	201	-0.015	5.228	-0.004
	202	-0.191	8.119	-0.005
	203	-0.012	6.641	-0.004
	204	-0.049	7.949	-0.147
	205	-0.048	5.581	0.188
	206	-0.327	4.396	-0.005
	207	0.005	1.568	-0.003
	208	-0.058	4.064	-0.288
	209	-0.055	-0.549	0.369
	210	-0.2	10.308	-0.004
	211	-0.02	8.819	-0.004
	212	-0.058	10.137	-0.147
	213	-0.055	7.76	0.189
9007	201	-0.001	5.054	0.008
	202	-0.219	7.319	0.004
	203	0.012	6.453	0.009
	204	-0.001	7.612	-0.507
	205	-0.014	6.681	0.261
	206	-0.455	3.739	0.002
	207	0.028	1.326	0.008
	208	0.007	4.017	-1.011
	209	-0.025	2.615	0.49
	210	-0.213	9.274	0.006
	211	0.01	8.504	0.011
	212	-0.002	9.634	-0.508
	213	-0.015	8.666	0.265
9021	201	-0.016	2.406	-0.006
	202	-0.18	3.237	-0.04
	203	-0.013	3.072	-0.005
	204	-0.034	3.396	-0.151
	205	-0.04	2.829	0.179
	206	-0.314	1.023	-0.066
	207	-0.003	0.709	-0.001
	208	-0.035	1.349	-0.287

	209	-0.044	0.278	0.364
	210	-0.187	4.247	-0.044
	211	-0.018	4.081	-0.007
	212	-0.04	4.404	-0.154
	213	-0.045	3.83	0.178
9022	201	-0.005	3.254	0.004
	202	-0.329	0.784	-0.056
	203	0.026	4.724	0.004
	204	-0.021	3.447	-0.26
	205	-0.006	7.053	0.338
	206	-0.645	-3.71	-0.1
	207	0.07	4.009	0.013
	208	-0.02	1.546	-0.508
	209	0.004	8.874	0.667
	210	-0.331	1.432	-0.061
	211	0.019	5.344	0.002
	212	-0.025	4.089	-0.264
	213	-0.01	7.681	0.336
9043	201	-0.007	5.166	0.002
	202	-0.143	7.457	-0.001
	203	0	6.518	0.003
	204	-0.013	6.901	-0.341
	205	-0.016	6.914	0.229
	206	-0.255	3.216	-0.001
	207	0.01	1.514	0.003
	208	-0.011	2.209	-0.675
	209	-0.014	2.12	0.438
	210	-0.147	9.607	0
	211	-0.002	8.65	0.003
	212	-0.016	9.044	-0.341
	213	-0.02	9.09	0.231
9050	201	-0.013	2.578	-0.001
	202	-0.128	3.334	-0.049
	203	-0.005	3.243	-0.001
	204	-0.016	3.219	-0.221
	205	-0.022	3.314	0.283
	206	-0.224	1.083	-0.084
	207	-0.003	0.915	0.007
	208	-0.013	0.867	-0.426
	209	-0.023	1.048	0.564
	210	-0.132	4.333	-0.054
	211	-0.006	4.241	-0.003
	212	-0.019	4.217	-0.224
	213	-0.026	4.313	0.281

9055	201	-0.002	1.66	0.004
	202	-0.108	2.107	0.002
	203	0.014	1.63	0.005
	204	0.002	-1.2	-0.383
	205	0.033	2.531	0.214
	206	-0.191	1.951	0
	207	0.023	1.233	0.004
	208	0.001	-4.522	-0.765
	209	0.064	2.69	0.405
	210	-0.112	2.275	0.004
	211	0.012	1.8	0.006
	212	0.001	-1.06	-0.384
	213	0.032	2.755	0.216
9062	201	-0.033	0.835	0.001
	202	-0.116	0.738	-0.049
	203	-0.024	0.912	0.002
	204	-0.056	-1.015	-0.256
	205	-0.019	2.19	0.284
	206	-0.181	0.559	-0.086
	207	-0.024	0.944	0.009
	208	-0.09	-2.847	-0.498
	209	-0.015	3.283	0.565
	210	-0.118	0.761	-0.054
	211	-0.023	0.928	0
	212	-0.055	-1.001	-0.259
	213	-0.018	2.243	0.283
9155	201	0	11.207	-0.004
	202	-0.133	11.553	-0.068
	203	0.005	12.238	-0.002
	204	0	11.943	-0.344
	205	0	12.359	1.015
	206	-0.268	8.425	-0.104
	207	0.012	9.723	0.013
	208	0	9.227	-0.656
	209	-0.003	10.077	2.051
	210	-0.132	12.711	-0.075
	211	0.005	13.404	-0.006
	212	0	13.093	-0.35
	213	0	13.505	1.008
9156	201	0	11.144	-0.004
	202	-0.135	11.56	-0.067
	203	0.004	12.166	-0.001
	204	0	11.961	-0.369
	205	0	12.368	0.794

	206	-0.274	8.448	-0.106
	207	0.009	9.637	0.013
	208	0.001	9.299	-0.707
	209	-0.002	10.158	1.598
	210	-0.134	12.725	-0.075
	211	0.004	13.332	-0.005
	212	0	13.112	-0.375
	213	0	13.508	0.789
9157	201	0	13.404	-0.017
	202	-0.021	14.884	-0.035
	203	0.006	14.924	-0.011
	204	0	14.863	-0.424
	205	-0.002	15.229	1.076
	206	-0.045	9.561	-0.056
	207	0.012	9.666	0.004
	208	0	9.54	-0.768
	209	-0.005	10.271	2.245
	210	-0.02	17.153	-0.04
	211	0.005	17.196	-0.015
	212	0	17.128	-0.432
	213	-0.001	17.497	1.06
9158	201	0	13.365	-0.014
	202	-0.017	14.867	-0.034
	203	0.004	14.879	-0.009
	204	0	14.897	-0.461
	205	-0.001	15.231	0.857
	206	-0.039	9.553	-0.06
	207	0.01	9.612	0.005
	208	0	9.614	-0.839
	209	-0.004	10.313	1.78
	210	-0.017	17.141	-0.039
	211	0.004	17.155	-0.012
	212	0	17.165	-0.468
	213	-0.001	17.494	0.846
9159	201	0	12.822	-0.012
	202	-0.019	14.5	0.001
	203	0.007	14.015	-0.01
	204	0	14.237	-0.44
	205	0	13.973	1.038
	206	-0.041	10.184	0.018
	207	0.014	9.264	0
	208	0	9.698	-0.811
	209	-0.001	9.225	2.113
	210	-0.019	16.49	-0.001

	211	0.007	16.007	-0.013
	212	0	16.218	-0.446
	213	0.001	15.953	1.031
9160	201	0	12.792	-0.01
	202	-0.014	14.419	0.002
	203	0.005	13.974	-0.007
	204	0	14.24	-0.41
	205	-0.001	13.973	1.039
	206	-0.033	10.08	0.019
	207	0.011	9.202	0
	208	0	9.724	-0.761
	209	-0.005	9.304	2.111
	210	-0.014	16.409	0.001
	211	0.005	15.968	-0.009
	212	0	16.224	-0.416
	213	-0.001	15.95	1.032
9161	201	0	13.107	-0.003
	202	-0.017	14.357	0.009
	203	0.005	14.569	0
	204	0	14.563	-0.366
	205	-0.002	14.28	1.057
	206	-0.038	9.334	0.047
	207	0.013	9.849	0.004
	208	0.001	9.775	-0.719
	209	-0.007	9.307	2.136
	210	-0.016	16.442	0.008
	211	0.005	16.639	-0.002
	212	0	16.639	-0.369
	213	-0.002	16.356	1.054
9162	201	0	13.004	-0.003
	202	-0.013	14.24	0.009
	203	0.004	14.446	0
	204	0	14.565	-0.342
	205	0.002	14.109	1.046
	206	-0.031	9.271	0.046
	207	0.01	9.746	0.004
	208	0	9.901	-0.672
	209	0.003	9.193	2.11
	210	-0.013	16.308	0.009
	211	0.004	16.502	-0.001
	212	0	16.629	-0.345
	213	0.002	16.154	1.044
9163	201	0	13.767	-0.001
	202	-0.015	15.515	0.005

	203	0.005	15.286	0.004
	204	0	15.431	-0.357
	205	0	15.13	1.081
	206	-0.033	10.138	0.014
	207	0.012	9.603	0.013
	208	0	9.946	-0.71
	209	-0.002	9.294	2.159
	210	-0.014	17.9	0.004
	211	0.004	17.688	0.003
	212	0	17.816	-0.359
	213	0	17.515	1.077
9164	201	0	13.639	0
	202	-0.012	15.372	0.006
	203	0.004	15.155	0.005
	204	0	15.42	-0.335
	205	-0.001	14.95	1.07
	206	-0.028	10.024	0.014
	207	0.009	9.528	0.012
	208	0	10.065	-0.666
	209	-0.003	9.206	2.133
	210	-0.011	17.74	0.005
	211	0.003	17.54	0.004
	212	0	17.79	-0.336
	213	0	17.303	1.068
9165	201	0	13.783	0.002
	202	-0.013	15.394	0.008
	203	0.004	15.387	0.006
	204	0	15.484	-0.339
	205	0	15.178	1.041
	206	-0.031	9.779	0.02
	207	0.012	9.77	0.008
	208	0	9.94	-0.688
	209	-0.002	9.345	2.066
	210	-0.012	17.81	0.008
	211	0.004	17.801	0.006
	212	0	17.893	-0.339
	213	0	17.583	1.042
9166	201	0	13.651	0.002
	202	-0.01	15.24	0.008
	203	0.003	15.239	0.007
	204	0	15.447	-0.319
	205	0	14.992	1.031
	206	-0.025	9.685	0.02
	207	0.009	9.674	0.008

	208	0	10.038	-0.645
	209	-0.002	9.272	2.041
	210	-0.01	17.634	0.009
	211	0.003	17.634	0.007
	212	0	17.836	-0.319
	213	0	17.361	1.032
9167	201	0	13.801	0.003
	202	-0.012	15.326	0.015
	203	0.004	15.444	0.006
	204	0	15.509	-0.335
	205	0	15.203	1.039
	206	-0.029	9.547	0.044
	207	0.012	9.938	0.007
	208	0	9.958	-0.688
	209	-0.002	9.354	2.064
	210	-0.011	17.751	0.015
	211	0.003	17.851	0.006
	212	0	17.923	-0.332
	213	0	17.615	1.04
9168	201	0	13.674	0.004
	202	-0.01	15.172	0.016
	203	0.003	15.301	0.007
	204	0	15.47	-0.315
	205	0	15.006	1.029
	206	-0.024	9.469	0.044
	207	0.009	9.826	0.007
	208	0	10.057	-0.646
	209	-0.002	9.272	2.039
	210	-0.009	17.569	0.016
	211	0.003	17.683	0.007
	212	0	17.861	-0.313
	213	0	17.378	1.031
9169	201	0	13.795	0.005
	202	-0.011	15.492	0.007
	203	0.004	15.374	0.009
	204	0	15.532	-0.332
	205	0	15.211	1.01
	206	-0.028	10.089	0.011
	207	0.013	9.679	0.01
	208	0	9.97	-0.689
	209	-0.002	9.41	1.995
	210	-0.011	17.888	0.007
	211	0.003	17.794	0.01
	212	0	17.949	-0.328

	213	0	17.625	1.015
9170	201	0	13.672	0.005
	202	-0.009	15.344	0.008
	203	0.003	15.226	0.01
	204	0	15.479	-0.313
	205	0	15.022	1
	206	-0.023	9.963	0.011
	207	0.01	9.587	0.01
	208	0	10.067	-0.647
	209	-0.002	9.345	1.971
	210	-0.008	17.724	0.008
	211	0.002	17.621	0.011
	212	0	17.87	-0.31
	213	0	17.393	1.005
9171	201	0	13.798	0.007
	202	-0.011	15.405	0.017
	203	0.003	15.407	0.015
	204	0	15.587	-0.321
	205	0	15.236	1.013
	206	-0.028	9.779	0.024
	207	0.012	9.787	0.012
	208	0	9.964	-0.692
	209	-0.002	9.373	1.977
	210	-0.01	17.826	0.019
	211	0.003	17.828	0.019
	212	0	18.025	-0.313
	213	0	17.663	1.02
9172	201	0	13.634	0.007
	202	-0.009	15.205	0.018
	203	0.002	15.213	0.016
	204	0	15.466	-0.304
	205	0	14.988	1.003
	206	-0.023	9.661	0.023
	207	0.009	9.673	0.012
	208	0	10.043	-0.65
	209	-0.001	9.287	1.953
	210	-0.008	17.584	0.02
	211	0.002	17.592	0.02
	212	0	17.858	-0.298
	213	0	17.355	1.011
9173	201	0	13.79	0.006
	202	-0.011	15.272	0.018
	203	0.003	15.434	0.008
	204	0	15.56	-0.333

	205	0	15.231	0.984
	206	-0.028	9.484	0.028
	207	0.011	9.961	0.007
	208	0	9.952	-0.702
	209	-0.001	9.433	1.955
	210	-0.01	17.696	0.022
	211	0.002	17.841	0.01
	212	0	17.994	-0.327
	213	0	17.651	0.99
9174	201	0	13.656	0.006
	202	-0.009	15.111	0.018
	203	0.002	15.283	0.009
	204	0	15.482	-0.315
	205	0	15.004	0.974
	206	-0.023	9.4	0.027
	207	0.008	9.848	0.007
	208	0	10.054	-0.659
	209	-0.001	9.349	1.931
	210	-0.008	17.5	0.023
	211	0.002	17.657	0.011
	212	0	17.877	-0.31
	213	0	17.373	0.981
9175	201	0	13.784	0.005
	202	-0.01	15.557	0.007
	203	0.003	15.362	0.008
	204	0	15.532	-0.354
	205	0	15.216	0.974
	206	-0.025	10.142	0.009
	207	0.011	9.626	0.011
	208	0	9.952	-0.705
	209	-0.001	9.347	1.941
	210	-0.009	17.964	0.007
	211	0.002	17.794	0.011
	212	0	17.958	-0.351
	213	0	17.629	0.977
9176	201	0	13.661	0.006
	202	-0.008	15.397	0.008
	203	0.002	15.205	0.009
	204	0	15.482	-0.333
	205	0	15.009	0.965
	206	-0.021	10.018	0.009
	207	0.008	9.548	0.011
	208	0	10.06	-0.661
	209	-0.001	9.281	1.917

	210	-0.007	17.779	0.008
	211	0.001	17.603	0.012
	212	0	17.876	-0.332
	213	0	17.38	0.968
9177	201	0	13.765	0.005
	202	-0.009	15.385	0.008
	203	0.002	15.374	0.006
	204	0	15.508	-0.351
	205	0	15.2	0.95
	206	-0.024	9.788	0.01
	207	0.011	9.762	0.006
	208	0	9.936	-0.695
	209	-0.001	9.374	1.895
	210	-0.008	17.801	0.009
	211	0.002	17.792	0.008
	212	0	17.927	-0.349
	213	0	17.606	0.951
9178	201	0	13.649	0.005
	202	-0.007	15.245	0.008
	203	0.002	15.239	0.007
	204	0	15.461	-0.33
	205	0	14.999	0.941
	206	-0.02	9.687	0.01
	207	0.008	9.674	0.006
	208	0	10.036	-0.652
	209	-0.001	9.295	1.872
	210	-0.007	17.636	0.01
	211	0.001	17.631	0.009
	212	0	17.854	-0.33
	213	0	17.373	0.942
9179	201	0	13.79	0.005
	202	-0.008	15.298	0.015
	203	0.002	15.438	0.005
	204	0	15.551	-0.342
	205	0	15.214	0.955
	206	-0.023	9.502	0.028
	207	0.011	9.937	0.004
	208	0	9.946	-0.694
	209	-0.001	9.367	1.899
	210	-0.008	17.725	0.017
	211	0.002	17.847	0.006
	212	0	17.978	-0.34
	213	0	17.627	0.957
9180	201	0	13.638	0.006

	202	-0.007	15.123	0.015
	203	0.002	15.27	0.006
	204	0	15.464	-0.323
	205	0	14.997	0.946
	206	-0.019	9.428	0.028
	207	0.008	9.823	0.004
	208	0	10.042	-0.652
	209	-0.001	9.288	1.876
	210	-0.006	17.512	0.017
	211	0.001	17.648	0.007
	212	0	17.854	-0.322
	213	0	17.364	0.949
9181	201	0	13.784	0.005
	202	-0.008	15.506	0.005
	203	0.002	15.365	0.007
	204	0	15.519	-0.351
	205	0	15.205	0.931
	206	-0.022	10.086	0.007
	207	0.012	9.642	0.006
	208	0	9.939	-0.696
	209	-0.001	9.423	1.873
	210	-0.007	17.907	0.005
	211	0.002	17.793	0.008
	212	0	17.946	-0.349
	213	0	17.614	0.931
9182	201	0	13.638	0.005
	202	-0.007	15.333	0.006
	203	0.002	15.18	0.008
	204	0	15.455	-0.33
	205	0	15.002	0.922
	206	-0.018	9.958	0.008
	207	0.009	9.544	0.006
	208	0	10.042	-0.654
	209	-0.001	9.352	1.851
	210	-0.006	17.707	0.006
	211	0.001	17.572	0.009
	212	0	17.844	-0.329
	213	0	17.371	0.922
9183	201	0	13.77	0.004
	202	-0.008	15.379	0.007
	203	0.002	15.38	0.006
	204	0	15.478	-0.361
	205	0	15.186	0.924
	206	-0.023	9.769	0.01

	207	0.011	9.768	0.005
	208	0	9.914	-0.694
	209	-0.001	9.378	1.863
	210	-0.007	17.794	0.007
	211	0.001	17.798	0.006
	212	0	17.897	-0.361
	213	0	17.591	0.922
9184	201	0	13.625	0.005
	202	-0.007	15.208	0.008
	203	0.001	15.212	0.006
	204	0	15.428	-0.339
	205	0	14.976	0.915
	206	-0.019	9.655	0.009
	207	0.008	9.659	0.005
	208	0	10.015	-0.651
	209	-0.001	9.291	1.841
	210	-0.006	17.599	0.008
	211	0.001	17.603	0.007
	212	0	17.817	-0.34
	213	0	17.345	0.914
9185	201	0	13.772	0.004
	202	-0.009	15.248	0.012
	203	0.002	15.418	0.004
	204	0	15.513	-0.354
	205	0	15.206	0.929
	206	-0.023	9.485	0.018
	207	0.01	9.952	0.003
	208	0	9.934	-0.695
	209	-0.001	9.45	1.875
	210	-0.008	17.668	0.012
	211	0.001	17.82	0.005
	212	0	17.936	-0.352
	213	0	17.614	0.929
9186	201	0	13.632	0.004
	202	-0.007	15.089	0.012
	203	0.001	15.262	0.005
	204	0	15.451	-0.333
	205	0	14.993	0.92
	206	-0.019	9.396	0.017
	207	0.008	9.835	0.003
	208	0	10.035	-0.652
	209	-0.001	9.342	1.853
	210	-0.006	17.478	0.013
	211	0.001	17.641	0.006

	212	0	17.839	-0.333
	213	0	17.363	0.92
9187	201	0	13.759	0.003
	202	-0.008	15.519	0.005
	203	0.002	15.325	0.007
	204	0	15.548	-0.341
	205	0	15.196	0.929
	206	-0.021	10.124	0.006
	207	0.01	9.612	0.005
	208	0	9.949	-0.686
	209	-0.001	9.382	1.859
	210	-0.007	17.917	0.005
	211	0.001	17.75	0.007
	212	0	17.966	-0.344
	213	0	17.61	0.93
9188	201	0	13.622	0.004
	202	-0.006	15.358	0.006
	203	0.001	15.167	0.007
	204	0	15.47	-0.323
	205	0	15.009	0.921
	206	-0.018	9.997	0.006
	207	0.007	9.531	0.004
	208	0	10.043	-0.644
	209	-0.001	9.288	1.837
	210	-0.006	17.735	0.006
	211	0	17.565	0.008
	212	0	17.858	-0.327
	213	0	17.378	0.922
9189	201	0	13.735	0.004
	202	-0.007	15.354	0.007
	203	0.001	15.343	0.006
	204	0	15.528	-0.34
	205	0	15.179	0.913
	206	-0.02	9.753	0.007
	207	0.01	9.74	0.003
	208	0	9.917	-0.683
	209	-0.001	9.392	1.81
	210	-0.006	17.769	0.007
	211	0.001	17.761	0.006
	212	0	17.949	-0.342
	213	0	17.596	0.916
9190	201	0	13.599	0.004
	202	-0.006	15.194	0.008
	203	0.001	15.187	0.006

	204	0	15.456	-0.321
	205	0	14.997	0.904
	206	-0.017	9.659	0.007
	207	0.007	9.652	0.003
	208	0	10.019	-0.641
	209	-0.001	9.295	1.788
	210	-0.005	17.582	0.008
	211	0	17.576	0.007
	212	0	17.844	-0.325
	213	0	17.367	0.908
9191	201	0	13.762	0.004
	202	-0.007	15.276	0.012
	203	0.001	15.414	0.004
	204	0	15.541	-0.354
	205	0	15.188	0.91
	206	-0.019	9.493	0.019
	207	0.01	9.93	0.002
	208	0	9.926	-0.696
	209	-0.001	9.396	1.819
	210	-0.006	17.701	0.013
	211	0	17.822	0.004
	212	0	17.973	-0.353
	213	0	17.602	0.911
9192	201	0	13.639	0.004
	202	-0.005	15.13	0.013
	203	0.001	15.277	0.005
	204	0	15.496	-0.334
	205	0	15.02	0.901
	206	-0.016	9.434	0.019
	207	0.007	9.834	0.002
	208	0	10.046	-0.653
	209	0	9.289	1.797
	210	-0.005	17.527	0.014
	211	0	17.662	0.005
	212	0	17.894	-0.335
	213	0	17.397	0.903
9193	201	0	13.774	0.005
	202	-0.007	15.497	0.007
	203	0.002	15.34	0.007
	204	0	15.553	-0.348
	205	0	15.199	0.911
	206	-0.019	10.081	0.007
	207	0.011	9.623	0.004
	208	0	9.943	-0.691

	209	-0.001	9.456	1.813
	210	-0.006	17.901	0.007
	211	0.001	17.769	0.008
	212	0	17.982	-0.343
	213	0	17.615	0.913
9194	201	0	13.643	0.006
	202	-0.005	15.336	0.007
	203	0.001	15.191	0.007
	204	0	15.501	-0.329
	205	0	15.024	0.901
	206	-0.016	9.958	0.007
	207	0.008	9.547	0.003
	208	0	10.056	-0.649
	209	0	9.344	1.792
	210	-0.005	17.715	0.008
	211	0	17.592	0.01
	212	0	17.894	-0.326
	213	0	17.401	0.905
9195	201	0	13.787	0.009
	202	-0.007	15.404	0.019
	203	0.001	15.401	0.007
	204	0	15.578	-0.315
	205	0	15.24	0.935
	206	-0.02	9.768	0.013
	207	0.01	9.758	0.003
	208	0	9.961	-0.671
	209	-0.001	9.424	1.825
	210	-0.006	17.831	0.022
	211	0	17.83	0.011
	212	0	18.014	-0.304
	213	0	17.672	0.94
9196	201	0	13.599	0.009
	202	-0.006	15.177	0.02
	203	0.001	15.186	0.008
	204	0	15.447	-0.301
	205	0	14.974	0.926
	206	-0.017	9.634	0.013
	207	0.007	9.638	0.003
	208	0	10.028	-0.631
	209	0	9.275	1.804
	210	-0.005	17.556	0.023
	211	0	17.569	0.012
	212	0	17.831	-0.292
	213	0	17.341	0.932

9197	201	0	13.766	0.006
	202	-0.007	15.24	0.026
	203	0.001	15.428	0.004
	204	0	15.502	-0.347
	205	0	15.203	0.932
	206	-0.021	9.458	0.018
	207	0.009	9.952	0.001
	208	0	9.923	-0.691
	209	-0.001	9.452	1.848
	210	-0.006	17.661	0.03
	211	0	17.834	0.006
	212	0	17.92	-0.345
	213	0	17.61	0.934
9198	201	0	13.616	0.007
	202	-0.006	15.079	0.026
	203	0.001	15.264	0.005
	204	0	15.44	-0.327
	205	0	14.955	0.923
	206	-0.017	9.376	0.017
	207	0.006	9.833	0.001
	208	0	10.032	-0.648
	209	0	9.294	1.825
	210	-0.005	17.471	0.031
	211	0	17.644	0.008
	212	0	17.825	-0.326
	213	0	17.316	0.926
9199	201	0	13.751	0.005
	202	-0.007	15.517	0.009
	203	0.001	15.318	0.006
	204	0	15.461	-0.402
	205	0	15.198	0.983
	206	-0.019	10.107	0.006
	207	0.008	9.592	0.003
	208	0	9.909	-0.771
	209	0	9.406	1.968
	210	-0.006	17.915	0.009
	211	0	17.741	0.007
	212	0	17.87	-0.406
	213	0	17.615	0.981
9200	201	0	13.618	0.006
	202	-0.005	15.352	0.009
	203	0	15.163	0.007
	204	0	15.428	-0.377
	205	-0.001	14.955	0.975

	206	-0.016	9.984	0.006
	207	0.006	9.514	0.002
	208	0	10.024	-0.722
	209	-0.002	9.226	1.947
	210	-0.005	17.731	0.011
	211	0	17.562	0.009
	212	0	17.813	-0.381
	213	-0.001	17.326	0.974
9201	201	0	13.65	0.002
	202	-0.001	15.26	0.004
	203	-0.001	15.244	0.002
	204	0	15.331	-0.116
	205	0.001	15.163	0.227
	206	-0.004	9.7	0.003
	207	0.003	9.677	0.001
	208	-0.001	9.808	-0.224
	209	0.001	9.536	0.449
	210	0	17.653	0.005
	211	-0.001	17.639	0.002
	212	0	17.72	-0.118
	213	0.001	17.557	0.229
9202	201	0	13.526	0.003
	202	0	15.118	0.005
	203	-0.001	15.114	0.003
	204	0	15.275	-0.11
	205	0	14.886	0.232
	206	-0.004	9.601	0.003
	207	0.002	9.585	0.001
	208	0.001	9.865	-0.213
	209	-0.001	9.25	0.456
	210	0	17.495	0.006
	211	-0.001	17.493	0.003
	212	0	17.646	-0.111
	213	0	17.247	0.233
9203	201	0	13.847	0.01
	202	-0.013	15.387	0.041
	203	0.007	15.515	0.004
	204	-0.001	15.596	-0.333
	205	0.001	15.398	1.018
	206	-0.026	9.566	0.027
	207	0.019	9.92	0
	208	-0.001	9.958	-0.698
	209	0.002	9.611	1.986
	210	-0.012	17.841	0.051

	211	0.006	17.958	0.005
	212	-0.001	18.05	-0.324
	213	0.001	17.843	1.026
9204	201	0	13.693	0.011
	202	-0.011	15.207	0.043
	203	0.005	15.344	0.005
	204	0	15.511	-0.298
	205	0	15.071	1.02
	206	-0.023	9.488	0.028
	207	0.015	9.825	0.001
	208	0.001	10.045	-0.623
	209	0	9.224	1.983
	210	-0.011	17.619	0.054
	211	0.005	17.749	0.007
	212	0	17.924	-0.291
	213	0	17.473	1.03
9205	201	0	13.758	0.004
	202	-0.013	15.473	0.006
	203	0.008	15.35	0.006
	204	0	15.509	-0.3
	205	0	15.298	0.914
	206	-0.026	10.013	0.005
	207	0.021	9.601	0.001
	208	0	9.888	-0.623
	209	0	9.58	1.789
	210	-0.012	17.89	0.008
	211	0.007	17.791	0.01
	212	0	17.945	-0.295
	213	0	17.731	0.919
9206	201	0	13.613	0.005
	202	-0.012	15.304	0.007
	203	0.006	15.158	0.007
	204	0	15.435	-0.268
	205	-0.001	14.999	0.915
	206	-0.023	9.886	0.006
	207	0.016	9.511	0.001
	208	0	9.992	-0.555
	209	0	9.264	1.785
	210	-0.011	17.691	0.009
	211	0.005	17.561	0.012
	212	0	17.835	-0.264
	213	-0.001	17.387	0.921
9207	201	0	13.733	0.002
	202	-0.014	15.352	0.005

	203	0.007	15.358	0.001
	204	0	15.483	-0.311
	205	0	15.27	0.886
	206	-0.027	9.715	0.012
	207	0.018	9.716	0
	208	0	9.85	-0.619
	209	0	9.531	1.757
	210	-0.013	17.78	0.004
	211	0.006	17.787	0.002
	212	0	17.911	-0.315
	213	0	17.693	0.886
9208	201	0	13.607	0.003
	202	-0.012	15.203	0.006
	203	0.005	15.208	0.002
	204	0	15.445	-0.276
	205	0	14.998	0.888
	206	-0.024	9.612	0.012
	207	0.014	9.619	0.001
	208	0	9.974	-0.551
	209	0	9.208	1.753
	210	-0.012	17.609	0.006
	211	0.005	17.611	0.003
	212	0	17.849	-0.28
	213	0	17.392	0.888
9209	201	0	13.776	0.001
	202	-0.015	15.273	0.009
	203	0.006	15.454	-0.001
	204	0	15.521	-0.314
	205	0	15.304	0.871
	206	-0.029	9.463	0.023
	207	0.017	9.933	0.001
	208	0	9.88	-0.619
	209	0	9.605	1.765
	210	-0.015	17.714	0.005
	211	0.005	17.876	-0.001
	212	0	17.958	-0.32
	213	0	17.724	0.868
9210	201	0	13.645	0.002
	202	-0.013	15.13	0.01
	203	0.005	15.307	0.001
	204	0	15.491	-0.279
	205	0	15.033	0.873
	206	-0.026	9.376	0.023
	207	0.013	9.811	0.001

	208	0	10.005	-0.551
	209	0.001	9.256	1.761
	210	-0.013	17.548	0.007
	211	0.004	17.712	0
	212	0	17.907	-0.284
	213	0	17.433	0.871
9211	201	0	13.745	0.001
	202	-0.013	15.486	0.002
	203	0.006	15.304	-0.001
	204	0	15.463	-0.298
	205	0	15.269	0.888
	206	-0.025	10.049	0.005
	207	0.016	9.599	0
	208	0	9.892	-0.616
	209	0	9.557	1.76
	210	-0.013	17.889	0.001
	211	0.005	17.723	0
	212	0	17.875	-0.298
	213	0	17.673	0.886
9212	201	0	13.609	0.001
	202	-0.012	15.34	0.003
	203	0.004	15.152	0
	204	0	15.423	-0.265
	205	0	14.968	0.889
	206	-0.023	9.937	0.005
	207	0.013	9.503	0
	208	0	10.001	-0.549
	209	0.001	9.198	1.755
	210	-0.012	17.725	0.002
	211	0.004	17.551	0.001
	212	0	17.814	-0.265
	213	0	17.347	0.888
9213	201	0	12.841	-0.002
	202	-0.012	14.181	-0.001
	203	0.006	14.167	-0.004
	204	-0.001	14.259	-0.318
	205	0.001	14.086	0.819
	206	-0.024	9.573	-0.001
	207	0.016	9.535	-0.001
	208	-0.001	9.665	-0.624
	209	0.003	9.359	1.628
	210	-0.012	16.169	-0.002
	211	0.005	16.157	-0.004
	212	-0.001	16.247	-0.32

	213	0.001	16.073	0.816
9214	201	0	12.737	-0.001
	202	-0.011	14.075	-0.001
	203	0.005	14.051	-0.003
	204	0	14.253	-0.281
	205	-0.003	13.839	0.819
	206	-0.022	9.5	0
	207	0.012	9.452	-0.001
	208	-0.001	9.793	-0.554
	209	-0.004	9.057	1.621
	210	-0.011	16.049	-0.001
	211	0.004	16.025	-0.003
	212	0	16.224	-0.283
	213	-0.003	15.802	0.817
9215	201	0	12.674	-0.024
	202	-0.012	13.769	-0.035
	203	0.006	14.044	-0.037
	204	0	14.029	-0.474
	205	-0.001	13.8	0.817
	206	-0.023	9.178	-0.054
	207	0.016	9.691	-0.011
	208	0.001	9.635	-0.84
	209	0	9.313	1.679
	210	-0.011	15.679	-0.039
	211	0.006	15.95	-0.042
	212	0	15.936	-0.485
	213	-0.001	15.694	0.812
9216	201	0	12.524	-0.016
	202	-0.011	13.612	-0.025
	203	0.005	13.877	-0.027
	204	0	13.941	-0.415
	205	0.001	13.597	0.815
	206	-0.021	9.089	-0.043
	207	0.013	9.582	-0.007
	208	0.001	9.65	-0.742
	209	0.003	9.097	1.666
	210	-0.011	15.498	-0.029
	211	0.004	15.756	-0.032
	212	0	15.827	-0.424
	213	0.001	15.466	0.811
9217	201	0	13.33	-0.001
	202	-0.011	15.071	0.019
	203	0.009	14.727	-0.003
	204	0	14.885	-0.314

	205	0	15.013	0.873
	206	-0.021	10.06	0.038
	207	0.02	9.412	-0.014
	208	0	9.631	-0.647
	209	0.001	9.993	1.807
	210	-0.011	17.321	0.017
	211	0.008	16.974	-0.002
	212	0	17.141	-0.309
	213	0	17.253	0.86
9218	201	0	13.264	-0.002
	202	-0.011	14.935	0.018
	203	0.006	14.652	-0.003
	204	0	14.792	-0.345
	205	-0.001	14.928	0.694
	206	-0.02	9.923	0.035
	207	0.015	9.393	-0.013
	208	0.001	9.601	-0.712
	209	0	9.921	1.432
	210	-0.011	17.163	0.017
	211	0.006	16.873	-0.002
	212	0	17.019	-0.34
	213	-0.001	17.148	0.684
9219	201	0	13.241	0
	202	-0.011	14.729	0.002
	203	0.008	14.724	0
	204	0	14.68	-0.354
	205	0	14.948	0.885
	206	-0.02	9.546	0.022
	207	0.018	9.531	0.005
	208	0	9.5	-0.659
	209	0	10.1	1.849
	210	-0.011	16.95	0.001
	211	0.007	16.939	-0.007
	212	0	16.889	-0.359
	213	0	17.15	0.872
9220	201	0	13.268	-0.001
	202	-0.011	14.737	0.001
	203	0.006	14.739	-0.001
	204	0	14.728	-0.413
	205	0	14.911	0.698
	206	-0.019	9.572	0.016
	207	0.014	9.565	0.002
	208	0	9.588	-0.776
	209	0.001	9.959	1.458

	210	-0.011	16.946	0.001
	211	0.005	16.951	-0.006
	212	0	16.931	-0.419
	213	0	17.116	0.689
9221	201	0	13.258	0.001
	202	-0.013	14.504	-0.004
	203	0.008	14.906	0.001
	204	0	14.699	-0.367
	205	0	14.983	0.854
	206	-0.022	9.14	-0.028
	207	0.017	9.831	0.003
	208	0	9.493	-0.713
	209	0	10.164	1.74
	210	-0.013	16.722	-0.005
	211	0.007	17.133	0
	212	0	16.913	-0.372
	213	0	17.187	0.852
9222	201	0	13.28	-0.002
	202	-0.012	14.536	-0.006
	203	0.005	14.898	-0.001
	204	0	14.758	-0.419
	205	0	14.912	0.728
	206	-0.021	9.227	-0.032
	207	0.013	9.828	0
	208	0	9.638	-0.817
	209	0.001	9.964	1.485
	210	-0.012	16.742	-0.007
	211	0.005	17.114	-0.002
	212	0	16.965	-0.425
	213	0	17.115	0.727
9223	201	0	13.252	0.005
	202	-0.01	14.975	0.005
	203	0.007	14.615	0.005
	204	0	14.701	-0.363
	205	0	14.994	0.961
	206	-0.017	10.012	0.037
	207	0.016	9.333	0.011
	208	0	9.503	-0.743
	209	0	10.154	1.915
	210	-0.01	17.201	0.004
	211	0.007	16.84	0.006
	212	0	16.917	-0.357
	213	0	17.201	0.965
9224	201	0	13.268	0.004

	202	-0.009	14.929	0.004
	203	0.005	14.636	0.005
	204	0	14.739	-0.422
	205	0	14.948	0.749
	206	-0.016	9.947	0.028
	207	0.013	9.396	0.008
	208	0	9.593	-0.872
	209	0	10	1.488
	210	-0.009	17.147	0.004
	211	0.005	16.844	0.006
	212	0	16.942	-0.415
	213	0	17.155	0.752
9225	201	0	13.193	0.006
	202	-0.009	14.67	0.005
	203	0.006	14.672	0.006
	204	0	14.638	-0.37
	205	0	14.916	0.986
	206	-0.016	9.497	-0.005
	207	0.014	9.496	0.001
	208	0	9.443	-0.75
	209	0	10.101	1.939
	210	-0.009	16.891	0.007
	211	0.006	16.892	0.008
	212	0	16.848	-0.368
	213	0	17.115	0.988
9226	201	0	13.135	0.006
	202	-0.009	14.606	0.005
	203	0.005	14.602	0.007
	204	0	14.617	-0.435
	205	0	14.814	0.781
	206	-0.015	9.474	-0.005
	207	0.011	9.468	0
	208	0	9.507	-0.886
	209	0	9.886	1.532
	210	-0.009	16.804	0.008
	211	0.004	16.801	0.01
	212	0	16.815	-0.433
	213	0	17.009	0.784
9227	201	0	13.084	0.002
	202	-0.005	14.338	0
	203	0.002	14.672	0
	204	0	14.491	-0.185
	205	0	14.736	0.317
	206	-0.01	9.041	0.009

	207	0.006	9.625	0.001
	208	0	9.334	-0.354
	209	0.001	9.843	0.672
	210	-0.006	16.539	0
	211	0.002	16.882	0.001
	212	0	16.687	-0.188
	213	0	16.929	0.309
9228	201	0	13.035	0.004
	202	-0.006	14.291	0.002
	203	0.002	14.62	0.002
	204	0	14.46	-0.184
	205	0	14.604	0.316
	206	-0.01	9.044	0.01
	207	0.006	9.601	0.003
	208	0.001	9.331	-0.355
	209	0	9.614	0.665
	210	-0.006	16.477	0.002
	211	0.002	16.819	0.003
	212	0	16.65	-0.187
	213	0	16.793	0.308
9229	201	0	13.182	0.007
	202	-0.022	14.872	0.002
	203	0.02	14.588	0.001
	204	0	14.67	-0.732
	205	-0.001	14.87	0.8
	206	-0.034	9.805	-0.01
	207	0.035	9.286	-0.052
	208	0.001	9.448	-1.587
	209	0	9.889	1.499
	210	-0.023	17.119	0.003
	211	0.02	16.832	0.003
	212	0	16.905	-0.714
	213	-0.001	17.102	0.822
9230	201	0	13.14	0.017
	202	-0.022	14.809	0.012
	203	0.017	14.539	0.011
	204	-0.001	14.697	-0.731
	205	0.001	14.749	0.813
	206	-0.033	9.758	0
	207	0.03	9.274	-0.042
	208	-0.001	9.572	-1.595
	209	0.002	9.681	1.506
	210	-0.023	17.043	0.013
	211	0.017	16.767	0.013

	212	-0.001	16.918	-0.712
	213	0	16.971	0.837
9231	201	0	13.199	0.006
	202	-0.018	14.695	0.006
	203	0.019	14.693	0.005
	204	0	14.617	-0.608
	205	0	14.934	0.729
	206	-0.028	9.482	0.034
	207	0.033	9.471	0.016
	208	0.001	9.326	-1.237
	209	0	9.984	1.443
	210	-0.019	16.942	0.008
	211	0.019	16.938	0.005
	212	0	16.856	-0.598
	213	-0.001	17.168	0.733
9232	201	0	13.259	0.021
	202	-0.016	14.742	0.021
	203	0.017	14.749	0.019
	204	0	14.731	-0.627
	205	0	14.907	0.671
	206	-0.024	9.528	0.047
	207	0.03	9.528	0.031
	208	0.001	9.497	-1.291
	209	0	9.853	1.309
	210	-0.016	16.975	0.022
	211	0.017	16.983	0.02
	212	0	16.966	-0.616
	213	0	17.14	0.674
9233	201	0	13.241	-0.003
	202	-0.016	14.654	-0.032
	203	0.02	14.823	-0.006
	204	0	14.669	-0.74
	205	0	14.967	0.717
	206	-0.024	9.291	-0.076
	207	0.035	9.601	-0.007
	208	0.001	9.338	-1.388
	209	0	9.936	1.482
	210	-0.017	16.915	-0.037
	211	0.02	17.087	-0.007
	212	0	16.925	-0.747
	213	-0.001	17.223	0.704
9234	201	0	13.337	0.012
	202	-0.012	14.73	-0.019
	203	0.019	14.954	0.009

	204	0	14.818	-0.767
	205	0	14.98	0.659
	206	-0.019	9.342	-0.065
	207	0.034	9.762	0.008
	208	0.001	9.508	-1.452
	209	0	9.844	1.343
	210	-0.013	16.99	-0.023
	211	0.019	17.217	0.008
	212	0	17.08	-0.773
	213	0	17.243	0.647
9247	201	0	13.469	-0.008
	202	-0.261	15.298	-0.011
	203	0.1	14.791	-0.006
	204	0	14.954	-0.077
	205	0.001	15.02	0.208
	206	-0.539	11.116	-0.012
	207	0.206	9.506	0.001
	208	-0.001	9.979	-0.132
	209	0.005	10.162	0.424
	210	-0.259	17.384	-0.013
	211	0.104	16.969	-0.008
	212	-0.001	17.127	-0.08
	213	0.001	17.203	0.206
9248	201	0	13.171	-0.008
	202	-0.283	15.104	-0.01
	203	0.128	14.663	-0.005
	204	0.001	15	-0.079
	205	-0.006	14.812	0.213
	206	-0.571	10.197	-0.012
	207	0.223	9.041	0
	208	0.011	9.613	-0.137
	209	-0.048	9.483	0.432
	210	-0.278	17.453	-0.011
	211	0.129	17.097	-0.007
	212	0.001	17.378	-0.081
	213	-0.006	17.135	0.212
9249	201	0	13.268	-0.007
	202	-0.167	15.134	-0.009
	203	0.058	14.528	-0.004
	204	0	14.62	-0.076
	205	0	15.545	0.21
	206	-0.386	11.005	-0.012
	207	0.119	9.197	0
	208	-0.001	9.545	-0.133

	209	0.002	11.464	0.422
	210	-0.166	17.225	-0.009
	211	0.061	16.713	-0.005
	212	-0.001	16.785	-0.077
	213	0	17.726	0.209
9250	201	0	3.807	0.013
	202	-0.162	3.805	0.012
	203	0.026	3.795	0.014
	204	0	3.673	-0.012
	205	-0.001	4.43	0.104
	206	-0.34	3.15	0.011
	207	0.066	3.849	0.016
	208	0.016	3.62	-0.033
	209	-0.002	5.009	0.196
	210	-0.162	3.902	0.011
	211	0.021	3.773	0.013
	212	-0.001	3.651	-0.013
	213	-0.001	4.44	0.104
9251	201	0	7.994	-0.006
	202	-1.05	8.075	-0.009
	203	0.193	7.982	-0.003
	204	-0.001	7.978	-0.077
	205	0.003	8.022	0.224
	206	-2.018	8.033	-0.012
	207	0.324	7.994	0.003
	208	-0.002	7.989	-0.136
	209	0.013	8.036	0.452
	210	-1.073	8.081	-0.01
	211	0.197	7.976	-0.005
	212	-0.001	7.973	-0.079
	213	0.002	8.027	0.223
9252	201	0.011	3.882	-0.018
	202	-1.014	4.25	-0.02
	203	0.232	3.874	-0.017
	204	0.078	4.014	-0.046
	205	0	3.517	0.125
	206	-2.097	4.371	-0.023
	207	0.347	3.862	-0.015
	208	0.118	4.12	-0.069
	209	-0.034	2.802	0.266
	210	-1	4.275	-0.021
	211	0.243	3.877	-0.018
	212	0.082	4.017	-0.047
	213	0	3.521	0.124

9265	201	0	12.39	-0.011
	202	-0.266	14.002	0.004
	203	0.107	13.461	-0.011
	204	0	13.544	-0.117
	205	0	13.767	0.237
	206	-0.558	10.108	0.021
	207	0.223	9.207	-0.005
	208	0	9.531	-0.205
	209	0.002	9.968	0.484
	210	-0.262	15.794	0.002
	211	0.111	15.219	-0.013
	212	0	15.331	-0.12
	213	-0.001	15.541	0.235
9266	201	0	12.279	-0.005
	202	-0.279	13.737	0.008
	203	0.134	13.533	-0.004
	204	0.001	14.123	-0.105
	205	-0.005	13.225	0.223
	206	-0.567	9.47	0.022
	207	0.237	9.124	-0.001
	208	0.009	10.02	-0.192
	209	-0.066	8.587	0.448
	210	-0.274	15.671	0.008
	211	0.134	15.465	-0.006
	212	0	16.046	-0.107
	213	-0.004	15.124	0.222
9267	201	-0.001	12.614	-0.005
	202	-0.159	14.07	0.008
	203	0.061	13.568	-0.004
	204	0	13.73	-0.103
	205	-0.001	14.502	0.219
	206	-0.377	10.301	0.02
	207	0.127	9.34	-0.001
	208	-0.001	9.866	-0.19
	209	0	11.816	0.44
	210	-0.157	15.804	0.008
	211	0.063	15.295	-0.005
	212	0	15.453	-0.105
	213	-0.001	16.172	0.219
9268	201	0	3.749	0.013
	202	-0.102	3.761	0.019
	203	0.024	3.749	0.014
	204	-0.011	3.568	-0.055
	205	-0.001	4.146	0.107

	206	-0.166	3.788	0.025
	207	0.041	3.768	0.015
	208	-0.028	3.428	-0.119
	209	-0.002	4.534	0.2
	210	-0.107	3.755	0.019
	211	0.025	3.742	0.013
	212	-0.015	3.56	-0.056
	213	-0.002	4.142	0.106
9269	201	0.001	3.086	-0.013
	202	-0.153	3.06	-0.003
	203	0.041	3.075	-0.013
	204	0.001	3.308	-0.07
	205	0.001	2.572	0.156
	206	-0.366	3.057	0.007
	207	0.111	3.093	-0.011
	208	0	3.519	-0.12
	209	-0.001	2.096	0.323
	210	-0.151	3.053	-0.003
	211	0.039	3.069	-0.014
	212	0.001	3.304	-0.071
	213	0	2.564	0.155
9270	201	-0.002	7.925	-0.007
	202	-0.155	7.928	0.005
	203	0.028	7.917	-0.006
	204	-0.002	7.923	-0.112
	205	-0.004	7.954	0.222
	206	-0.339	7.947	0.018
	207	0.072	7.927	-0.002
	208	0.02	7.93	-0.202
	209	-0.006	8	0.449
	210	-0.156	7.923	0.005
	211	0.022	7.913	-0.007
	212	-0.003	7.919	-0.113
	213	-0.005	7.95	0.221
9281	201	0	6.945	-0.017
	202	-0.241	6.939	-0.016
	203	0.525	9.231	-0.018
	204	0.001	7.001	-0.216
	205	0.001	6.927	0.217
	206	-0.408	6.946	-0.016
	207	0.943	10.687	-0.018
	208	0.003	6.998	-0.394
	209	-0.002	6.856	0.443
	210	-0.244	6.935	-0.016

	211	0.539	9.32	-0.018
	212	0.009	7.062	-0.218
	213	0.002	6.945	0.216
9282	201	0.019	3.873	0.035
	202	-0.108	3.684	0.035
	203	0.47	6.193	0.034
	204	0.012	4.096	-0.061
	205	0.088	3.654	0.2
	206	-0.336	3.681	0.035
	207	0.737	7.29	0.034
	208	0.003	4.153	-0.147
	209	0.071	2.256	0.362
	210	-0.083	3.684	0.035
	211	0.495	6.375	0.033
	212	0.015	4.164	-0.062
	213	0.107	3.819	0.199
9283	201	0	13.901	-0.013
	202	-0.228	15.106	-0.012
	203	0.127	15.55	-0.014
	204	-0.001	15.528	-0.18
	205	0.002	15.891	0.18
	206	-0.328	9.709	-0.012
	207	0.224	10.446	-0.014
	208	-0.002	10.471	-0.329
	209	0.008	11.279	0.366
	210	-0.247	17.345	-0.013
	211	0.13	17.803	-0.014
	212	-0.002	17.748	-0.182
	213	0	18.108	0.179
9284	201	-0.001	13.063	0.003
	202	-0.159	14.73	0.004
	203	0.291	15.174	0.001
	204	0.002	14.52	-0.179
	205	-0.005	15.517	0.209
	206	-0.236	9.293	0.004
	207	0.508	10.242	0.001
	208	0.007	8.842	-0.342
	209	-0.001	10.948	0.408
	210	-0.168	17.083	0.003
	211	0.289	17.505	0.001
	212	0.002	16.851	-0.181
	213	-0.007	17.844	0.208
9285	201	-0.001	9.066	-0.041
	202	-0.115	10.573	-0.04

	203	0.189	11.166	-0.042
	204	0.002	9.583	-0.169
	205	-0.003	12.321	0.067
	206	-0.183	5.066	-0.039
	207	0.352	6.26	-0.041
	208	0.001	3.143	-0.287
	209	-0.004	8.576	0.173
	210	-0.121	12.896	-0.041
	211	0.188	13.477	-0.042
	212	0.002	11.912	-0.17
	213	-0.004	14.652	0.066
9296	201	-0.001	6.894	-0.017
	202	-0.245	6.888	-0.02
	203	0.424	6.896	-0.019
	204	0.001	6.932	-0.191
	205	-0.003	6.842	0.232
	206	-0.405	6.892	-0.016
	207	0.762	6.907	-0.014
	208	0.003	6.974	-0.351
	209	-0.007	6.802	0.479
	210	-0.25	6.885	-0.021
	211	0.436	6.893	-0.019
	212	0.006	6.929	-0.192
	213	-0.003	6.84	0.231
9297	201	0.014	3.634	0.034
	202	-0.115	3.635	0.033
	203	0.369	3.64	0.033
	204	0.003	3.801	-0.051
	205	0.07	3.398	0.205
	206	-0.33	3.626	0.035
	207	0.58	3.637	0.036
	208	-0.005	3.953	-0.128
	209	0.057	3.164	0.376
	210	-0.093	3.636	0.032
	211	0.388	3.641	0.033
	212	0.005	3.802	-0.051
	213	0.085	3.4	0.205
9298	201	-0.001	14.068	-0.013
	202	-0.213	15.327	-0.016
	203	0.146	15.755	-0.015
	204	-0.001	15.577	-0.158
	205	-0.001	16.044	0.189
	206	-0.318	9.718	-0.012
	207	0.259	10.451	-0.011

	208	0	10.211	-0.291
	209	0.004	11.387	0.39
	210	-0.227	17.653	-0.016
	211	0.149	18.082	-0.015
	212	-0.001	17.896	-0.159
	213	-0.002	18.321	0.188
9299	201	-0.001	12.923	0.003
	202	-0.19	14.458	0
	203	0.256	14.657	0.001
	204	0.001	14.435	-0.156
	205	-0.004	15.4	0.221
	206	-0.284	8.714	0.004
	207	0.442	9.121	0.005
	208	0.005	8.692	-0.303
	209	0.002	10.666	0.437
	210	-0.2	16.894	-0.001
	211	0.255	17.089	0.001
	212	0	16.843	-0.157
	213	-0.006	17.798	0.22
9300	201	-0.001	8.923	-0.041
	202	-0.14	9.985	-0.042
	203	0.162	10.705	-0.042
	204	0.003	9.507	-0.158
	205	-0.003	12.014	0.073
	206	-0.225	4.254	-0.039
	207	0.299	5.482	-0.039
	208	0.002	3.236	-0.269
	209	-0.004	7.995	0.187
	210	-0.146	12.273	-0.043
	211	0.162	13.013	-0.042
	212	0.002	11.826	-0.159
	213	-0.004	14.375	0.072
9311	201	-0.002	6.895	-0.012
	202	-0.275	6.899	-0.014
	203	0.365	6.89	-0.015
	204	-0.001	6.938	-0.193
	205	-0.007	6.846	0.229
	206	-0.443	6.908	-0.011
	207	0.656	6.894	-0.017
	208	0.002	6.983	-0.374
	209	-0.013	6.807	0.45
	210	-0.281	6.897	-0.013
	211	0.375	6.888	-0.014
	212	0.004	6.936	-0.191

	213	-0.008	6.843	0.232
9312	201	0.011	3.637	0.036
	202	-0.14	3.644	0.036
	203	0.311	3.638	0.035
	204	-0.006	3.81	-0.051
	205	0.06	3.41	0.204
	206	-0.369	3.637	0.037
	207	0.491	3.628	0.035
	208	-0.014	3.975	-0.139
	209	0.05	3.193	0.363
	210	-0.119	3.646	0.036
	211	0.326	3.64	0.035
	212	-0.006	3.812	-0.051
	213	0.072	3.409	0.206
9313	201	-0.001	14.121	-0.01
	202	-0.222	16.134	-0.011
	203	0.176	15.458	-0.012
	204	-0.001	15.805	-0.159
	205	0	16.096	0.186
	206	-0.347	11.081	-0.008
	207	0.315	9.843	-0.013
	208	0	10.452	-0.309
	209	0.005	11.462	0.367
	210	-0.233	18.482	-0.01
	211	0.179	17.8	-0.011
	212	-0.001	18.164	-0.158
	213	-0.002	18.387	0.189
9314	201	-0.001	12.909	0.007
	202	-0.236	14.697	0.006
	203	0.244	14.473	0.005
	204	0.001	14.574	-0.158
	205	-0.005	15.379	0.218
	206	-0.353	9.3	0.008
	207	0.417	8.774	0.003
	208	0.008	8.989	-0.323
	209	0.003	10.66	0.413
	210	-0.248	17.137	0.006
	211	0.243	16.907	0.005
	212	0.001	16.972	-0.156
	213	-0.007	17.769	0.222
9315	201	-0.002	8.8	-0.038
	202	-0.177	10.641	-0.039
	203	0.152	10.034	-0.04
	204	0.003	9.657	-0.159

	205	-0.003	11.659	0.071
	206	-0.287	5.601	-0.037
	207	0.281	4.525	-0.04
	208	0.002	3.771	-0.279
	209	-0.002	7.482	0.174
	210	-0.183	12.894	-0.04
	211	0.153	12.289	-0.04
	212	0.002	11.918	-0.159
	213	-0.004	13.969	0.072
9328	201	-0.007	7.003	-0.013
	202	-0.327	6.937	-0.018
	203	0.327	6.972	-0.018
	204	-0.007	7.062	-0.304
	205	-0.013	7.018	0.424
	206	-0.511	6.577	-0.014
	207	0.59	6.99	-0.022
	208	-0.005	7.1	-0.578
	209	-0.016	7.007	0.883
	210	-0.335	6.983	-0.019
	211	0.335	6.97	-0.017
	212	-0.004	7.074	-0.306
	213	-0.016	7.052	0.42
9329	201	0.007	3.72	0.036
	202	-0.18	4.137	0.033
	203	0.276	3.718	0.034
	204	-0.02	4.243	-0.117
	205	0.054	3.327	0.337
	206	-0.438	3.402	0.036
	207	0.44	3.722	0.032
	208	-0.03	4.557	-0.261
	209	0.054	1.859	0.651
	210	-0.159	4.336	0.033
	211	0.288	3.722	0.034
	212	-0.023	4.299	-0.118
	213	0.064	3.335	0.334
9330	201	-0.003	14.233	-0.01
	202	-0.252	15.731	-0.014
	203	0.209	15.916	-0.014
	204	-0.004	15.976	-0.256
	205	-0.001	15.794	0.357
	206	-0.405	10.784	-0.011
	207	0.381	10.52	-0.017
	208	-0.002	10.759	-0.487
	209	0.007	10.745	0.742

	210	-0.262	17.96	-0.015
	211	0.212	18.244	-0.013
	212	-0.005	18.317	-0.257
	213	-0.003	18.061	0.353
9331	201	-0.005	13.037	0.008
	202	-0.296	15.217	0.004
	203	0.241	14.724	0.004
	204	-0.003	14.735	-0.26
	205	-0.009	15.385	0.404
	206	-0.441	9.899	0.007
	207	0.414	9.161	0
	208	0.005	9.09	-0.514
	209	0.001	10.718	0.819
	210	-0.312	17.689	0.003
	211	0.24	17.169	0.005
	212	-0.004	17.134	-0.262
	213	-0.012	17.77	0.4
9332	201	-0.004	13.196	0.022
	202	-0.227	14.978	0.018
	203	0.149	14.846	0.018
	204	0.001	14.591	-0.296
	205	-0.007	15.517	0.426
	206	-0.372	10.281	0.021
	207	0.281	9.752	0.013
	208	0.002	9.268	-0.599
	209	-0.008	11.004	0.85
	210	-0.235	17.144	0.018
	211	0.15	17.058	0.019
	212	0	16.778	-0.297
	213	-0.009	17.756	0.422
9333	201	-0.002	4.106	-0.044
	202	-0.185	4.392	-0.047
	203	0.166	4.128	-0.046
	204	0.027	3.171	-0.201
	205	-0.015	4.712	0.185
	206	-0.296	4.419	-0.043
	207	0.256	4.074	-0.047
	208	0.032	2.051	-0.347
	209	-0.034	5.413	0.429
	210	-0.188	4.447	-0.047
	211	0.174	4.155	-0.046
	212	0.03	3.206	-0.202
	213	-0.017	4.746	0.182
9346	201	0.002	3.763	-0.01

	202	-0.057	3.77	-0.012
	203	0.062	3.78	-0.012
	204	-0.005	4.072	-0.161
	205	0.007	3.272	0.287
	206	-0.123	3.74	-0.011
	207	0.098	3.763	-0.012
	208	-0.006	4.324	-0.298
	209	0.007	2.717	0.599
	210	-0.054	3.779	-0.012
	211	0.065	3.789	-0.012
	212	-0.007	4.085	-0.162
	213	0.01	3.289	0.283
9347	201	0	13.972	0.008
	202	-0.089	15.061	0.005
	203	0.072	15.764	0.004
	204	0	15.679	-0.218
	205	-0.001	15.707	0.386
	206	-0.153	9.519	0.008
	207	0.143	10.669	0.006
	208	0.001	10.59	-0.423
	209	-0.001	11.121	0.789
	210	-0.091	17.313	0.005
	211	0.072	18.017	0.005
	212	0	17.934	-0.221
	213	-0.002	17.905	0.38
9348	201	0	12.994	0.002
	202	-0.128	14.431	-0.002
	203	0.079	14.702	-0.002
	204	0.001	14.59	-0.238
	205	-0.004	15.317	0.403
	206	-0.202	8.719	0.001
	207	0.138	9.26	-0.002
	208	0.001	9.107	-0.457
	209	0.008	10.687	0.828
	210	-0.133	16.829	-0.001
	211	0.078	17.113	-0.001
	212	0	16.957	-0.241
	213	-0.005	17.657	0.397
9349	201	-0.001	13.02	-0.002
	202	-0.079	14.105	-0.004
	203	0.04	14.691	-0.005
	204	0.002	14.292	-0.277
	205	-0.005	15.295	0.401
	206	-0.135	8.93	-0.003

	207	0.085	9.917	-0.006
	208	0.003	9.173	-0.532
	209	-0.009	10.954	0.827
	210	-0.082	16.218	-0.004
	211	0.04	16.815	-0.004
	212	0.001	16.442	-0.279
	213	-0.006	17.46	0.396
9350	201	-0.002	7.06	0.011
	202	-0.084	7.033	0.007
	203	0.072	7.089	0.007
	204	0.001	7.161	-0.249
	205	-0.01	6.899	0.452
	206	-0.129	7.025	0.01
	207	0.128	7.119	0.007
	208	0.004	7.259	-0.485
	209	-0.017	6.738	0.92
	210	-0.087	7.029	0.008
	211	0.074	7.086	0.008
	212	0.002	7.16	-0.252
	213	-0.011	6.898	0.446
9351	201	0	4.173	0.018
	202	-0.055	4.179	0.016
	203	0.05	4.197	0.016
	204	0.006	3.858	-0.132
	205	0.002	4.73	0.264
	206	-0.089	4.096	0.016
	207	0.078	4.125	0.015
	208	0.007	3.477	-0.27
	209	0.006	5.208	0.524
	210	-0.056	4.212	0.017
	211	0.053	4.231	0.017
	212	0.007	3.888	-0.132
	213	0.002	4.757	0.261
9364	201	0.001	7.091	0.01
	202	-0.143	7.095	0.009
	203	0.074	7.086	0.011
	204	0	7.152	-0.148
	205	0.004	6.996	0.296
	206	-0.236	7.106	0.014
	207	0.135	7.092	0.01
	208	-0.001	7.212	-0.3
	209	0.016	6.913	0.574
	210	-0.151	7.092	0.009
	211	0.077	7.082	0.012

	212	0.001	7.15	-0.148
	213	0.003	6.992	0.297
9365	201	0.008	3.893	-0.01
	202	-0.087	3.904	-0.011
	203	0.094	3.891	-0.01
	204	0.003	4.097	-0.107
	205	0.005	3.548	0.207
	206	-0.261	3.887	-0.008
	207	0.164	3.873	-0.011
	208	-0.004	4.275	-0.2
	209	-0.012	3.194	0.42
	210	-0.076	3.91	-0.011
	211	0.091	3.896	-0.009
	212	0.005	4.103	-0.107
	213	0.008	3.553	0.208
9366	201	-0.001	12.28	-0.002
	202	-0.117	14.403	-0.004
	203	0.053	13.571	-0.002
	204	0	13.943	-0.161
	205	-0.003	14.257	0.279
	206	-0.196	9.644	0.004
	207	0.113	8.226	0
	208	0.001	8.788	-0.31
	209	-0.002	10.096	0.554
	210	-0.12	16.633	-0.004
	211	0.053	15.811	-0.001
	212	0	16.18	-0.161
	213	-0.004	16.411	0.279
9367	201	0	13.083	0.001
	202	-0.159	14.829	-0.001
	203	0.069	14.607	0.001
	204	0	14.724	-0.151
	205	-0.003	15.525	0.269
	206	-0.248	9.527	0.005
	207	0.122	8.927	0
	208	-0.002	9.253	-0.296
	209	0.009	10.998	0.53
	210	-0.166	17.237	0
	211	0.067	17.014	0.003
	212	-0.001	17.092	-0.151
	213	-0.003	17.872	0.27
9368	201	-0.002	12.298	-0.003
	202	-0.107	14.205	-0.004
	203	0.033	13.543	-0.002

	204	0.001	13.541	-0.187
	205	-0.005	14.74	0.262
	206	-0.178	9.521	-0.001
	207	0.071	8.446	-0.005
	208	0.001	8.339	-0.367
	209	-0.006	10.427	0.518
	210	-0.11	16.345	-0.003
	211	0.033	15.667	0
	212	0	15.683	-0.186
	213	-0.006	16.926	0.264
9369	201	0	4.649	0.021
	202	-0.076	4.678	0.02
	203	0.042	4.663	0.021
	204	0.004	4.448	-0.074
	205	-0.001	5.022	0.186
	206	-0.122	4.629	0.022
	207	0.065	4.594	0.019
	208	0.004	4.177	-0.166
	209	-0.001	5.288	0.344
	210	-0.077	4.707	0.021
	211	0.044	4.692	0.023
	212	0.005	4.476	-0.073
	213	-0.001	5.053	0.187
9382	201	0	7.165	0.007
	202	-0.157	7.146	0.006
	203	0.081	7.565	0.007
	204	0	7.283	-0.154
	205	0.004	7.221	0.286
	206	-0.26	7.151	0.011
	207	0.15	7.52	0.009
	208	-0.001	7.266	-0.307
	209	0.017	7.244	0.563
	210	-0.165	7.143	0.005
	211	0.085	7.652	0.007
	212	0	7.354	-0.155
	213	0.003	7.281	0.287
9383	201	0.007	4.219	-0.012
	202	-0.097	3.954	-0.013
	203	0.102	4.689	-0.012
	204	0.002	4.716	-0.11
	205	0.005	3.666	0.197
	206	-0.29	3.933	-0.01
	207	0.181	4.41	-0.011
	208	-0.004	4.89	-0.202

	209	-0.012	2.05	0.403
	210	-0.085	3.961	-0.013
	211	0.099	4.853	-0.012
	212	0.003	4.824	-0.11
	213	0.007	3.727	0.197
9384	201	0.002	12.566	-0.005
	202	-0.159	14.307	-0.007
	203	0.057	14.409	-0.005
	204	0	14.245	-0.167
	205	0.006	14.269	0.271
	206	-0.282	9.287	0.001
	207	0.122	10.053	-0.001
	208	0.001	9.146	-0.317
	209	0.002	9.593	0.546
	210	-0.161	16.538	-0.008
	211	0.057	16.566	-0.007
	212	0	16.499	-0.169
	213	0.008	16.447	0.27
9385	201	0	13.212	-0.003
	202	-0.219	14.854	-0.003
	203	0.076	14.932	-0.002
	204	0.003	14.841	-0.158
	205	-0.002	15.616	0.263
	206	-0.346	9.397	0.002
	207	0.134	9.566	0
	208	0.011	9.133	-0.304
	209	0.009	11.219	0.526
	210	-0.227	17.263	-0.004
	211	0.074	17.323	-0.003
	212	0.002	17.215	-0.159
	213	-0.003	17.97	0.263
9386	201	0.004	12.296	-0.007
	202	-0.139	14.032	-0.007
	203	0.036	13.486	-0.006
	204	0	13.573	-0.188
	205	0.009	14.833	0.255
	206	-0.251	9.152	-0.004
	207	0.077	8.837	-0.005
	208	0.001	8.45	-0.363
	209	0.008	10.483	0.511
	210	-0.141	16.196	-0.007
	211	0.036	15.521	-0.006
	212	0.002	15.672	-0.188
	213	0.01	17.041	0.256

9387	201	0	4.698	0.018
	202	-0.096	4.723	0.019
	203	0.041	4.929	0.019
	204	0.004	3.686	-0.078
	205	-0.001	5.207	0.18
	206	-0.156	4.668	0.02
	207	0.063	4.966	0.019
	208	0.003	2.563	-0.172
	209	-0.002	5.798	0.339
	210	-0.097	4.751	0.019
	211	0.043	4.98	0.019
	212	0.005	3.722	-0.078
	213	-0.001	5.245	0.182
9400	201	0.001	7.095	0.004
	202	-0.148	7.086	0.005
	203	0.108	7.097	0.004
	204	0.001	7.154	-0.153
	205	0.005	7.001	0.281
	206	-0.249	7.088	0.006
	207	0.196	7.108	0.008
	208	-0.001	7.211	-0.294
	209	0.021	6.917	0.563
	210	-0.156	7.084	0.003
	211	0.112	7.095	0.001
	212	0.002	7.153	-0.156
	213	0.005	6.999	0.279
9401	201	0.01	3.895	-0.014
	202	-0.091	3.894	-0.013
	203	0.132	3.903	-0.014
	204	0.006	4.099	-0.109
	205	0.009	3.561	0.195
	206	-0.27	3.874	-0.013
	207	0.233	3.89	-0.012
	208	-0.001	4.269	-0.195
	209	-0.009	3.204	0.408
	210	-0.08	3.9	-0.014
	211	0.128	3.912	-0.016
	212	0.008	4.107	-0.111
	213	0.012	3.567	0.195
9402	201	0	12.363	-0.008
	202	-0.145	13.336	-0.008
	203	0.085	14.09	-0.009
	204	0	13.99	-0.166
	205	-0.002	14.315	0.264

	206	-0.246	7.757	-0.004
	207	0.176	9.061	-0.002
	208	0.001	8.869	-0.304
	209	-0.002	10.107	0.545
	210	-0.149	15.561	-0.01
	211	0.084	16.318	-0.013
	212	0	16.222	-0.169
	213	-0.003	16.476	0.262
9403	201	0	13.107	-0.005
	202	-0.193	14.568	-0.004
	203	0.102	14.844	-0.005
	204	0	14.725	-0.157
	205	-0.003	15.46	0.257
	206	-0.302	8.796	-0.003
	207	0.18	9.31	-0.001
	208	-0.001	9.25	-0.292
	209	0.016	10.908	0.525
	210	-0.201	16.977	-0.006
	211	0.1	17.254	-0.008
	212	0	17.095	-0.159
	213	-0.003	17.806	0.255
9404	201	-0.001	12.369	-0.009
	202	-0.132	13.32	-0.008
	203	0.05	13.992	-0.009
	204	0	13.586	-0.192
	205	-0.003	14.684	0.248
	206	-0.222	7.991	-0.008
	207	0.105	9.083	-0.006
	208	0.001	8.319	-0.362
	209	-0.004	10.327	0.509
	210	-0.136	15.463	-0.009
	211	0.05	16.151	-0.011
	212	0	15.765	-0.194
	213	-0.004	16.891	0.247
9405	201	0	4.641	0.017
	202	-0.095	4.65	0.018
	203	0.046	4.666	0.017
	204	0.004	4.445	-0.077
	205	-0.001	5	0.177
	206	-0.153	4.579	0.017
	207	0.071	4.609	0.018
	208	0.004	4.186	-0.163
	209	-0.001	5.269	0.338
	210	-0.096	4.676	0.018

	211	0.048	4.689	0.016
	212	0.005	4.47	-0.078
	213	-0.001	5.029	0.177
9418	201	0	7.102	0.003
	202	-0.122	7.105	0.008
	203	0.139	7.097	0.001
	204	0	7.161	-0.148
	205	0.005	7.008	0.275
	206	-0.209	7.115	0.016
	207	0.254	7.098	0.004
	208	-0.001	7.217	-0.29
	209	0.027	6.919	0.556
	210	-0.129	7.104	0.006
	211	0.143	7.096	-0.001
	212	0.001	7.16	-0.15
	213	0.004	7.007	0.273
9419	201	0.009	3.907	-0.015
	202	-0.074	3.91	-0.012
	203	0.169	3.912	-0.016
	204	0.005	4.103	-0.106
	205	0.01	3.58	0.193
	206	-0.208	3.89	-0.007
	207	0.306	3.89	-0.014
	208	0	4.268	-0.192
	209	-0.005	3.225	0.404
	210	-0.067	3.919	-0.013
	211	0.163	3.923	-0.017
	212	0.007	4.112	-0.107
	213	0.012	3.59	0.191
9420	201	-0.001	12.679	-0.009
	202	-0.115	14.662	-0.005
	203	0.119	14.03	-0.011
	204	0	14.448	-0.161
	205	-0.002	14.461	0.258
	206	-0.202	9.687	0.005
	207	0.245	8.432	-0.006
	208	0.001	9.224	-0.3
	209	-0.001	9.834	0.536
	210	-0.117	16.962	-0.007
	211	0.119	16.334	-0.015
	212	0	16.779	-0.163
	213	-0.003	16.71	0.255
9421	201	0	13.111	-0.006
	202	-0.163	14.908	-0.002

	203	0.137	14.653	-0.008
	204	0	14.859	-0.151
	205	-0.003	15.491	0.25
	206	-0.26	9.539	0.006
	207	0.24	8.975	-0.005
	208	0	9.326	-0.286
	209	0.023	10.788	0.514
	210	-0.169	17.325	-0.003
	211	0.134	17.064	-0.01
	212	0	17.257	-0.152
	213	-0.004	17.86	0.247
9422	201	-0.001	12.502	-0.01
	202	-0.102	14.255	-0.005
	203	0.069	13.749	-0.011
	204	0	13.795	-0.187
	205	-0.003	14.685	0.242
	206	-0.177	9.381	0
	207	0.143	8.442	-0.011
	208	0.001	8.519	-0.357
	209	-0.004	10.149	0.501
	210	-0.105	16.442	-0.006
	211	0.07	15.937	-0.013
	212	0	15.979	-0.187
	213	-0.003	16.911	0.24
9423	201	-0.002	4.675	0.016
	202	-0.08	4.703	0.02
	203	0.045	4.691	0.016
	204	0.004	4.494	-0.076
	205	-0.004	5.017	0.177
	206	-0.129	4.649	0.023
	207	0.071	4.626	0.015
	208	0.004	4.24	-0.165
	209	-0.006	5.268	0.34
	210	-0.081	4.73	0.019
	211	0.048	4.717	0.015
	212	0.005	4.521	-0.076
	213	-0.005	5.044	0.176
9436	201	0.001	7.176	-0.005
	202	-0.103	8.071	-0.002
	203	0.145	7.157	-0.008
	204	0.002	7.314	-0.157
	205	0.006	7.109	0.25
	206	-0.185	7.921	0.001
	207	0.267	7.158	-0.003

	208	0	7.316	-0.296
	209	0.029	6.983	0.504
	210	-0.108	8.23	-0.004
	211	0.149	7.157	-0.01
	212	0.003	7.383	-0.158
	213	0.006	7.21	0.248
9437	201	0.013	4.058	-0.019
	202	-0.055	4.636	-0.018
	203	0.195	3.967	-0.021
	204	0.011	4.569	-0.111
	205	0.014	3.648	0.179
	206	-0.159	4.202	-0.016
	207	0.349	3.943	-0.019
	208	0.005	4.814	-0.195
	209	-0.002	2.196	0.375
	210	-0.049	4.803	-0.019
	211	0.188	3.976	-0.022
	212	0.015	4.636	-0.112
	213	0.018	3.657	0.178
9438	201	0	13.228	-0.016
	202	-0.102	14.842	-0.014
	203	0.129	14.836	-0.02
	204	0.001	14.917	-0.168
	205	-0.002	14.668	0.234
	206	-0.185	9.745	-0.008
	207	0.265	9.32	-0.013
	208	0.002	9.495	-0.304
	209	-0.002	9.284	0.486
	210	-0.102	17.139	-0.017
	211	0.129	17.211	-0.023
	212	0.001	17.319	-0.171
	213	-0.003	17.016	0.231
9439	201	0	13.104	-0.011
	202	-0.152	14.786	-0.008
	203	0.15	14.74	-0.014
	204	-0.001	15.066	-0.156
	205	-0.001	14.994	0.227
	206	-0.247	9.629	-0.005
	207	0.263	9.254	-0.01
	208	-0.001	9.524	-0.289
	209	0.026	9.776	0.464
	210	-0.158	17.174	-0.01
	211	0.147	17.133	-0.016
	212	-0.001	17.476	-0.158

	213	-0.002	17.357	0.225
9440	201	-0.001	12.93	-0.011
	202	-0.086	14.217	-0.008
	203	0.076	14.561	-0.014
	204	0.002	14.376	-0.185
	205	-0.002	15.035	0.221
	206	-0.154	9.513	-0.006
	207	0.155	9.493	-0.011
	208	0.004	9.317	-0.349
	209	-0.003	10.697	0.451
	210	-0.088	16.318	-0.009
	211	0.078	16.747	-0.014
	212	0.001	16.506	-0.186
	213	-0.003	17.192	0.22
9441	201	-0.009	3.943	0.006
	202	-0.109	4.176	0.007
	203	0.026	3.76	0.004
	204	-0.013	3.462	-0.086
	205	-0.008	4.229	0.153
	206	-0.184	4.393	0.009
	207	0.076	3.807	0.007
	208	-0.016	3.164	-0.171
	209	-0.005	4.561	0.301
	210	-0.112	4.149	0.006
	211	0.024	3.741	0.003
	212	-0.014	3.437	-0.087
	213	-0.01	4.217	0.152
9454	201	0	12.375	-0.016
	202	-0.138	13.095	-0.017
	203	0.119	13.816	-0.022
	204	0	13.498	-0.178
	205	-0.002	13.815	0.296
	206	-0.253	8.455	-0.016
	207	0.25	9.853	-0.012
	208	0.001	9.298	-0.312
	209	-0.001	10.378	0.604
	210	-0.138	14.882	-0.02
	211	0.119	15.595	-0.024
	212	0	15.3	-0.183
	213	-0.003	15.575	0.294
9455	201	-0.001	11.898	-0.011
	202	-0.193	12.911	-0.012
	203	0.15	13.232	-0.015
	204	0	13.776	-0.165

	205	-0.004	12.762	0.286
	206	-0.318	8.668	-0.012
	207	0.264	9.281	-0.008
	208	0.001	9.991	-0.295
	209	0.016	8.375	0.578
	210	-0.199	14.722	-0.014
	211	0.147	15.024	-0.018
	212	0	15.571	-0.169
	213	-0.005	14.509	0.285
9456	201	-0.001	12.064	-0.011
	202	-0.112	12.797	-0.011
	203	0.07	13.335	-0.015
	204	0.001	13.271	-0.162
	205	-0.002	13.634	0.282
	206	-0.203	8.802	-0.013
	207	0.146	9.866	-0.009
	208	0.001	9.77	-0.29
	209	-0.003	10.911	0.568
	210	-0.114	14.382	-0.013
	211	0.072	14.9	-0.017
	212	0.001	14.84	-0.165
	213	-0.003	15.171	0.281
9457	201	-0.002	3.683	0.006
	202	-0.093	3.674	0.005
	203	0.045	3.674	0.003
	204	0.008	3.461	-0.114
	205	-0.003	4.069	0.189
	206	-0.145	3.691	0.005
	207	0.056	3.701	0.008
	208	0.009	3.3	-0.22
	209	-0.004	4.456	0.369
	210	-0.097	3.664	0.004
	211	0.049	3.664	0.002
	212	0.009	3.449	-0.117
	213	-0.004	4.06	0.188
9458	201	0.001	3.082	-0.017
	202	-0.136	3.071	-0.017
	203	0.136	3.096	-0.02
	204	0	3.343	-0.132
	205	0.008	2.59	0.233
	206	-0.249	3.048	-0.018
	207	0.256	3.084	-0.014
	208	-0.002	3.56	-0.229
	209	0.032	2.094	0.479

	210	-0.143	3.078	-0.019
	211	0.138	3.101	-0.022
	212	0.001	3.352	-0.135
	213	0.007	2.596	0.232
9459	201	-0.008	7.887	-0.014
	202	-0.144	7.87	-0.015
	203	0.028	7.884	-0.018
	204	-0.015	7.884	-0.169
	205	-0.008	7.902	0.277
	206	-0.246	7.878	-0.015
	207	0.077	7.904	-0.011
	208	-0.018	7.893	-0.301
	209	-0.003	7.941	0.562
	210	-0.148	7.863	-0.017
	211	0.026	7.878	-0.02
	212	-0.016	7.879	-0.173
	213	-0.01	7.895	0.275
9462	201	-0.001	11.049	-0.008
	202	-0.017	11.836	0.024
	203	0.017	11.703	0.001
	204	0	11.72	-0.635
	205	0	12.178	0.971
	206	-0.025	9.491	0.037
	207	0.029	9.244	0.019
	208	0.001	9.273	-1.3
	209	0	10.147	1.862
	210	-0.018	12.88	0.027
	211	0.017	12.746	0.005
	212	0	12.753	-0.64
	213	0	13.215	0.98
9463	201	0	11.058	0.008
	202	-0.011	11.926	0.04
	203	0.023	11.673	0.017
	204	0.001	11.75	-0.565
	205	-0.001	12.113	0.952
	206	-0.017	9.596	0.053
	207	0.042	9.152	0.034
	208	0.002	9.315	-1.151
	209	-0.001	10.03	1.802
	210	-0.012	12.978	0.043
	211	0.023	12.722	0.021
	212	0.001	12.796	-0.569
	213	-0.001	13.156	0.962
9821	201	-0.002	9.57	-0.004

	202	-0.001	12.512	-0.006
	203	-0.003	12.497	-0.005
	204	0	19.474	-0.812
	205	-0.003	11.599	0.163
	206	0.003	2.527	-0.051
	207	-0.001	2.292	-0.01
	208	0.005	16.072	-1.663
	209	-0.001	0.458	0.358
	210	-0.003	16.905	-0.006
	211	-0.004	16.884	-0.004
	212	-0.001	23.8	-0.803
	213	-0.004	15.979	0.158
9823	201	-0.008	12.295	0.005
	202	-0.164	14.377	-0.005
	203	-0.004	16.131	0.003
	204	-0.036	11.784	-0.886
	205	-0.035	15.4	0.222
	206	-0.288	-0.49	-0.051
	207	0.004	2.895	-0.005
	208	-0.044	-5.181	-1.815
	209	-0.044	1.159	0.466
	210	-0.171	19.998	-0.003
	211	-0.01	21.779	0.005
	212	-0.042	17.475	-0.877
	213	-0.041	21.104	0.218
9829	201	0.002	11.667	0.015
	202	-0.185	14.565	0
	203	0.007	15.253	0.013
	204	0.002	14.623	-0.853
	205	-0.01	15.402	0.252
	206	-0.398	1.363	-0.047
	207	0.014	3.692	-0.001
	208	0.008	1.78	-1.753
	209	-0.021	4.114	0.502
	210	-0.177	19.837	0.004
	211	0.005	20.414	0.019
	212	0.001	19.854	-0.844
	213	-0.011	20.431	0.253
9843	201	-0.002	12.44	0.005
	202	-0.121	15.108	-0.005
	203	0.002	16.344	0.003
	204	-0.006	17.138	-0.828
	205	-0.009	16.335	0.211
	206	-0.221	0.683	-0.048

	207	0.004	3.024	-0.005
	208	-0.006	4.418	-1.695
	209	-0.007	2.973	0.441
	210	-0.124	20.826	-0.003
	211	0.001	22.082	0.005
	212	-0.009	22.855	-0.82
	213	-0.012	22.077	0.208
9849	201	0.012	2.341	0.009
	202	-0.081	2.275	0.001
	203	0.022	2.799	0.008
	204	0.018	-0.845	-0.805
	205	0.041	3.467	0.203
	206	-0.152	0.894	-0.044
	207	0.026	1.688	-0.003
	208	0.019	-5.335	-1.655
	209	0.065	2.742	0.413
	210	-0.085	2.763	0.004
	211	0.021	3.295	0.013
	212	0.017	-0.358	-0.795
	213	0.04	4.017	0.202
9998	201	0	13.016	0
	202	-0.043	17.985	0.113
	203	0.007	16.96	0.002
	204	0.017	18.845	-0.786
	205	-0.001	17.159	0.18
	206	-0.086	4.738	0.296
	207	0.002	2.937	0.001
	208	-0.004	6.055	-1.584
	209	-0.002	3.338	0.417
	210	-0.042	24.089	0.11
	211	0.01	22.961	0.003
	212	0.022	24.772	-0.782
	213	0	23.134	0.169
10000	201	0.004	12.454	0.001
	202	-0.048	16.445	0.116
	203	0.012	16.218	0.003
	204	0.001	13.144	-0.804
	205	-0.001	15.609	0.185
	206	-0.097	2.628	0.303
	207	0.005	2.8	0.001
	208	-0.005	-3.855	-1.626
	209	-0.004	1.129	0.428
	210	-0.048	22.205	0.113
	211	0.016	21.97	0.004

	212	0.005	18.937	-0.8
	213	0	21.442	0.174
10003	201	-0.002	12.465	0.008
	202	-0.037	16.375	0.138
	203	0.006	16.036	0.013
	204	0.001	14.351	-0.861
	205	-0.002	16.65	0.212
	206	-0.075	4.244	0.326
	207	0.01	2.951	0.006
	208	0.005	0.75	-1.732
	209	-0.006	4.647	0.458
	210	-0.036	21.884	0.139
	211	0.006	21.585	0.016
	212	0.001	19.911	-0.859
	213	-0.001	22.101	0.204
10013	201	0	11.683	0.001
	202	-0.048	15.853	0.112
	203	0.014	15.136	0.003
	204	0.001	15.98	-0.773
	205	-0.002	15.563	0.178
	206	-0.096	4.197	0.289
	207	0.009	2.657	0.001
	208	-0.004	3.027	-1.557
	209	-0.003	3.684	0.408
	210	-0.047	21.195	0.109
	211	0.017	20.475	0.004
	212	0.005	21.3	-0.769
	213	-0.001	20.847	0.167
10018	201	-0.019	2.67	0.005
	202	0.008	3.458	0.11
	203	0.004	2.906	0.009
	204	-0.025	1.071	-0.752
	205	-0.008	3.495	0.172
	206	0.038	1.963	0.27
	207	-0.003	1.479	0.003
	208	-0.031	-1.985	-1.524
	209	-0.014	2.32	0.382
	210	0.007	4.106	0.11
	211	0.009	3.503	0.011
	212	-0.024	1.684	-0.748
	213	-0.008	4.177	0.165
10038	201	-0.004	4.311	-0.006
	202	-0.065	7.025	0.08
	203	-0.004	5.53	-0.005

	204	0.017	9.428	-0.631
	205	-0.005	5.144	0.135
	206	-0.127	3.02	0.234
	207	-0.004	1.152	-0.005
	208	0.06	9.94	-1.283
	209	-0.005	-0.125	0.332
	210	-0.065	8.88	0.077
	211	-0.004	7.406	-0.005
	212	0.015	11.301	-0.626
	213	-0.005	7.111	0.124
10054	201	0.002	5.246	0.001
	202	-0.203	6.716	0.025
	203	0.01	6.699	0.002
	204	0.02	7.656	-0.51
	205	-0.007	6.734	0.168
	206	-0.414	1.207	0.037
	207	0.004	1.761	0
	208	-0.003	3.632	-1.056
	209	-0.025	1.828	0.309
	210	-0.2	8.835	0.021
	211	0.013	8.821	0.003
	212	0.025	9.776	-0.503
	213	-0.004	8.816	0.174
10056	201	0.007	5.411	0.002
	202	-0.166	6.663	0.025
	203	0.016	6.921	0.002
	204	0.007	4.664	-0.523
	205	-0.001	6.143	0.172
	206	-0.344	1.304	0.038
	207	0.007	1.797	0
	208	-0.007	-2.784	-1.084
	209	-0.016	0.46	0.316
	210	-0.162	8.894	0.021
	211	0.022	9.081	0.003
	212	0.012	6.904	-0.516
	213	0.002	8.303	0.177
10059	201	-0.001	5.123	0.007
	202	-0.092	6.593	0.035
	203	0.012	6.505	0.009
	204	0.003	5.815	-0.558
	205	0.001	6.941	0.191
	206	-0.193	1.954	0.044
	207	0.014	1.866	0.004
	208	0.001	0.161	-1.158

	209	-0.007	2.822	0.339
	210	-0.091	8.546	0.032
	211	0.014	8.508	0.011
	212	0.003	7.918	-0.55
	213	0.002	8.973	0.198
10069	201	0.004	5.399	0.002
	202	-0.131	6.642	0.024
	203	0.019	6.895	0.002
	204	0.005	6.986	-0.503
	205	0.001	7.144	0.165
	206	-0.273	1.219	0.036
	207	0.011	1.842	0
	208	-0.007	2.018	-1.04
	209	-0.009	2.328	0.302
	210	-0.128	8.841	0.02
	211	0.024	9.039	0.003
	212	0.01	9.167	-0.496
	213	0.003	9.344	0.17
10074	201	0.016	1.61	0.004
	202	-0.008	1.796	0.025
	203	0.044	1.804	0.005
	204	0.005	0.832	-0.519
	205	0.03	2.052	0.157
	206	-0.034	1.525	0.034
	207	0.035	1.298	0.001
	208	-0.012	-0.662	-1.074
	209	0.021	1.728	0.284
	210	-0.007	2.029	0.023
	211	0.051	2.02	0.007
	212	0.006	1.045	-0.512
	213	0.031	2.291	0.163
10094	201	-0.003	5.654	-0.005
	202	-0.27	5.756	0.013
	203	-0.001	7.216	-0.005
	204	0.026	9.446	-0.416
	205	-0.016	6.563	0.129
	206	-0.538	0.567	0.025
	207	-0.001	1.778	-0.006
	208	0.067	6.78	-0.858
	209	-0.032	0.652	0.244
	210	-0.269	8.114	0.009
	211	-0.001	9.548	-0.004
	212	0.025	11.74	-0.409
	213	-0.017	8.86	0.133

10110	201	0.01	3.039	-0.001
	202	-0.383	3.989	0.006
	203	0.019	3.671	-0.001
	204	0.028	4.098	-0.243
	205	-0.005	3.723	0.095
	206	-0.789	2.461	0.017
	207	0.013	1.459	-0.001
	208	0.005	2.369	-0.493
	209	-0.044	1.415	0.196
	210	-0.376	4.952	0.006
	211	0.023	4.626	-0.001
	212	0.033	5.036	-0.243
	213	-0.001	4.721	0.094
10112	201	0.018	3.045	-0.001
	202	-0.296	4.226	0.007
	203	0.03	3.655	-0.001
	204	0.019	2.677	-0.248
	205	0.006	3.3	0.097
	206	-0.627	2.593	0.019
	207	0.017	1.451	-0.001
	208	-0.006	-0.684	-0.504
	209	-0.024	0.74	0.201
	210	-0.288	5.17	0.006
	211	0.038	4.625	-0.001
	212	0.026	3.629	-0.248
	213	0.011	4.246	0.095
10115	201	0.007	2.62	0.003
	202	-0.15	3.412	0.008
	203	0.028	3.183	0.003
	204	0.011	2.551	-0.266
	205	0.01	3.537	0.11
	206	-0.326	1.763	0.013
	207	0.026	1.242	0.003
	208	0	-0.075	-0.54
	209	-0.004	2.051	0.219
	210	-0.147	4.217	0.008
	211	0.032	4.022	0.003
	212	0.013	3.39	-0.265
	213	0.012	4.34	0.109
10125	201	0.015	3.005	-0.001
	202	-0.223	4.059	0.005
	203	0.033	3.635	-0.001
	204	0.017	3.676	-0.239
	205	0.01	3.825	0.093

	206	-0.479	2.314	0.014
	207	0.023	1.444	-0.001
	208	-0.005	1.645	-0.483
	209	-0.01	1.861	0.192
	210	-0.216	4.981	0.004
	211	0.04	4.603	-0.001
	212	0.023	4.602	-0.238
	213	0.016	4.744	0.091
10130	201	0.004	0.939	0.001
	202	-0.101	1.194	0.005
	203	0.042	1.072	0.001
	204	-0.015	0.747	-0.25
	205	0.024	1.163	0.089
	206	-0.22	1.086	0.011
	207	0.029	0.86	0
	208	-0.046	0.318	-0.508
	209	0.009	1.035	0.182
	210	-0.099	1.249	0.004
	211	0.051	1.173	0.001
	212	-0.014	0.795	-0.25
	213	0.023	1.235	0.089
10150	201	0.006	3.21	-0.006
	202	-0.496	4.842	0
	203	0.008	3.966	-0.006
	204	0.033	5.349	-0.199
	205	-0.022	3.701	0.07
	206	-1	1.887	0.012
	207	0.007	1.264	-0.006
	208	0.068	4.105	-0.4
	209	-0.055	0.645	0.153
	210	-0.493	6.001	-0.001
	211	0.008	5.114	-0.006
	212	0.034	6.462	-0.199
	213	-0.021	4.878	0.069
10166	201	0.005	1.032	-0.004
	202	-0.159	0.124	-0.183
	203	0.012	1.07	-0.011
	204	0.019	1.496	-0.181
	205	-0.005	1.005	0.071
	206	-0.329	-0.748	-0.389
	207	0.008	1.036	-0.004
	208	0.002	1.778	-0.311
	209	-0.027	0.987	0.13
	210	-0.155	0.135	-0.18

	211	0.015	1.088	-0.014
	212	0.023	1.536	-0.191
	213	-0.002	1.014	0.073
10168	201	0.011	1.041	-0.004
	202	-0.122	-0.724	-0.191
	203	0.021	1.055	-0.011
	204	0.01	0.312	-0.189
	205	0.001	0.715	0.074
	206	-0.263	-2.71	-0.407
	207	0.012	1.04	-0.004
	208	-0.005	-0.265	-0.324
	209	-0.016	0.377	0.136
	210	-0.118	-0.677	-0.188
	211	0.027	1.063	-0.014
	212	0.016	0.279	-0.2
	213	0.004	0.729	0.076
10171	201	0.002	0.829	-0.001
	202	-0.057	-0.253	-0.196
	203	0.02	0.854	-0.008
	204	0.007	0.192	-0.2
	205	0.004	1.192	0.084
	206	-0.126	-1.514	-0.42
	207	0.02	0.838	-0.001
	208	0.002	-0.277	-0.349
	209	-0.005	1.325	0.152
	210	-0.055	-0.208	-0.193
	211	0.022	0.867	-0.012
	212	0.008	0.15	-0.212
	213	0.005	1.246	0.087
10181	201	0.008	1.091	-0.004
	202	-0.053	0.588	-0.181
	203	0.024	1.159	-0.01
	204	0.009	1.255	-0.181
	205	0.004	1.256	0.071
	206	-0.123	0.002	-0.385
	207	0.017	1.053	-0.004
	208	-0.005	1.229	-0.312
	209	-0.008	1.269	0.131
	210	-0.049	0.635	-0.178
	211	0.029	1.208	-0.014
	212	0.014	1.307	-0.192
	213	0.007	1.3	0.073
10186	201	0.001	0.483	-0.003
	202	-0.038	0.103	-0.169

	203	0.033	0.528	-0.009
	204	-0.015	0.274	-0.179
	205	0.017	0.6	0.068
	206	-0.084	-0.282	-0.361
	207	0.023	0.546	-0.003
	208	-0.038	0.099	-0.312
	209	0.006	0.652	0.125
	210	-0.037	0.108	-0.167
	211	0.04	0.528	-0.012
	212	-0.014	0.259	-0.189
	213	0.017	0.603	0.071
10206	201	0.002	1.018	-0.004
	202	-0.153	0.658	-0.177
	203	0.003	1.1	-0.01
	204	0.023	2.276	-0.173
	205	-0.012	0.633	0.068
	206	-0.31	0.345	-0.375
	207	0.003	0.961	-0.004
	208	0.055	2.905	-0.297
	209	-0.03	0.241	0.126
	210	-0.152	0.684	-0.174
	211	0.004	1.169	-0.014
	212	0.023	2.423	-0.183
	213	-0.012	0.649	0.07
10214	201	0	0.757	-0.009
	202	-0.159	0.791	-0.142
	203	-0.001	0.76	-0.013
	204	0.002	0.809	-0.146
	205	-0.005	0.735	0.05
	206	-0.317	0.829	-0.296
	207	-0.001	0.756	-0.008
	208	0.005	0.839	-0.249
	209	-0.014	0.72	0.097
	210	-0.159	0.791	-0.14
	211	-0.001	0.762	-0.016
	212	0.002	0.814	-0.154
	213	-0.004	0.736	0.051
18027	201	0	8.615	-0.004
	202	-0.095	8.628	-0.008
	203	0.016	8.613	-0.001
	204	0.002	8.602	-0.086
	205	-0.001	8.652	0.257
	206	-0.188	8.636	-0.011
	207	0.027	8.62	0.005

	208	0.004	8.599	-0.153
	209	0	8.684	0.516
	210	-0.096	8.626	-0.009
	211	0.017	8.609	-0.003
	212	0.002	8.598	-0.088
	213	-0.001	8.649	0.255
18029	201	0	8.743	-0.008
	202	-0.073	8.809	-0.012
	203	0.013	8.788	-0.006
	204	0	8.809	-0.087
	205	0	8.779	0.235
	206	-0.142	8.66	-0.013
	207	0.025	8.598	0.002
	208	0.001	8.644	-0.149
	209	0	8.59	0.478
	210	-0.074	8.883	-0.014
	211	0.013	8.866	-0.008
	212	0	8.887	-0.089
	213	0	8.857	0.233
18031	201	0	13.682	-0.007
	202	-0.026	15.374	-0.01
	203	0.009	15.307	-0.005
	204	0	15.325	-0.085
	205	-0.004	15.364	0.23
	206	-0.056	9.717	-0.012
	207	0.02	9.547	0.001
	208	0	9.588	-0.149
	209	-0.01	9.675	0.467
	210	-0.026	17.83	-0.011
	211	0.009	17.771	-0.006
	212	0	17.786	-0.087
	213	-0.004	17.824	0.229
18033	201	0	13.693	-0.009
	202	-0.022	15.384	-0.011
	203	0.008	15.314	-0.006
	204	0	15.362	-0.087
	205	0.001	15.361	0.226
	206	-0.05	9.725	-0.013
	207	0.015	9.548	0
	208	0.001	9.64	-0.151
	209	0	9.667	0.458
	210	-0.022	17.842	-0.012
	211	0.008	17.781	-0.008
	212	0	17.824	-0.089

	213	0.001	17.82	0.224
18035	201	0	8.82	-0.009
	202	-0.014	8.892	-0.011
	203	0.002	8.866	-0.007
	204	-0.001	8.866	-0.093
	205	-0.001	8.909	0.235
	206	-0.033	8.722	-0.014
	207	0.006	8.669	-0.002
	208	-0.001	8.678	-0.163
	209	-0.002	8.76	0.477
	210	-0.014	8.972	-0.012
	211	0.002	8.946	-0.008
	212	-0.001	8.946	-0.094
	213	-0.001	8.991	0.234
18047	201	0	12.81	-0.004
	202	-0.026	14.171	0.01
	203	0.01	14.125	-0.003
	204	0	14.155	-0.109
	205	0	14.139	0.245
	206	-0.056	9.573	0.024
	207	0.021	9.496	0.001
	208	0	9.552	-0.2
	209	-0.004	9.537	0.491
	210	-0.025	16.156	0.009
	211	0.01	16.107	-0.005
	212	0	16.138	-0.111
	213	0	16.121	0.244
18049	201	0	12.751	-0.006
	202	-0.02	14.098	0.007
	203	0.008	14.055	-0.005
	204	0	14.121	-0.113
	205	0	14.053	0.24
	206	-0.046	9.507	0.021
	207	0.016	9.43	-0.001
	208	0	9.548	-0.206
	209	-0.004	9.469	0.485
	210	-0.019	16.079	0.007
	211	0.008	16.036	-0.006
	212	0	16.1	-0.115
	213	0	16.027	0.24
18051	201	0	8.709	-0.006
	202	-0.014	8.763	0.008
	203	0.003	8.742	-0.004
	204	0	8.734	-0.116

	205	-0.001	8.806	0.24
	206	-0.035	8.631	0.02
	207	0.007	8.593	-0.001
	208	0.001	8.588	-0.214
	209	-0.001	8.74	0.482
	210	-0.014	8.824	0.007
	211	0.002	8.803	-0.005
	212	0	8.794	-0.118
	213	-0.001	8.865	0.24
18053	201	0	8.614	-0.01
	202	-0.011	8.611	0.003
	203	0.001	8.612	-0.008
	204	-0.001	8.626	-0.13
	205	-0.002	8.585	0.245
	206	-0.023	8.615	0.017
	207	0.003	8.617	-0.004
	208	0	8.644	-0.234
	209	-0.003	8.563	0.497
	210	-0.011	8.608	0.003
	211	0.001	8.61	-0.01
	212	-0.001	8.624	-0.132
	213	-0.002	8.583	0.244
18063	201	0	7.15	-0.008
	202	-0.031	7.232	0.01
	203	0.008	7.201	-0.007
	204	0.001	7.207	-0.138
	205	0.001	7.228	0.306
	206	-0.071	7.047	0.031
	207	0.022	6.995	0
	208	0.001	7.013	-0.247
	209	0.001	7.058	0.619
	210	-0.03	7.318	0.009
	211	0.008	7.286	-0.01
	212	0.001	7.294	-0.141
	213	0.001	7.313	0.304
18067	201	-0.001	8.646	-0.016
	202	-0.013	8.645	-0.017
	203	0.003	8.645	-0.021
	204	0	8.661	-0.183
	205	0	8.619	0.291
	206	-0.021	8.649	-0.017
	207	0.005	8.649	-0.013
	208	0	8.678	-0.324
	209	0.001	8.597	0.593

	210	-0.013	8.643	-0.019
	211	0.003	8.644	-0.023
	212	0	8.66	-0.186
	213	-0.001	8.617	0.29
18069	201	-0.001	8.645	-0.011
	202	-0.015	8.665	-0.012
	203	0.002	8.68	-0.016
	204	-0.002	8.661	-0.173
	205	-0.001	8.716	0.294
	206	-0.028	8.555	-0.014
	207	0.009	8.587	-0.009
	208	-0.002	8.553	-0.311
	209	-0.001	8.665	0.593
	210	-0.015	8.708	-0.014
	211	0.002	8.722	-0.017
	212	-0.002	8.703	-0.176
	213	-0.002	8.758	0.293
18071	201	0	12.386	-0.011
	202	-0.016	13.57	-0.012
	203	0.008	13.612	-0.016
	204	0	13.653	-0.171
	205	0	13.571	0.296
	206	-0.03	9.325	-0.013
	207	0.019	9.405	-0.008
	208	0.001	9.465	-0.306
	209	0.002	9.35	0.598
	210	-0.016	15.384	-0.014
	211	0.007	15.424	-0.018
	212	0	15.465	-0.175
	213	0	15.378	0.295
18073	201	0	12.469	-0.009
	202	-0.018	13.654	-0.01
	203	0.01	13.701	-0.014
	204	0.001	13.703	-0.168
	205	-0.001	13.7	0.301
	206	-0.033	9.38	-0.011
	207	0.025	9.472	-0.006
	208	0.001	9.464	-0.302
	209	0	9.492	0.606
	210	-0.017	15.477	-0.012
	211	0.009	15.522	-0.016
	212	0.001	15.525	-0.172
	213	-0.001	15.518	0.299
18083	201	0	7.115	-0.013

	202	-0.02	7.141	-0.014
	203	0.012	7.171	-0.019
	204	-0.002	7.16	-0.196
	205	0.001	7.18	0.346
	206	-0.038	6.962	-0.012
	207	0.031	7.02	-0.008
	208	-0.003	7	-0.347
	209	0.005	7.064	0.702
	210	-0.02	7.21	-0.017
	211	0.012	7.239	-0.022
	212	-0.002	7.229	-0.201
	213	0.001	7.247	0.344
18087	201	0.001	8.559	-0.007
	202	-0.012	8.601	-0.004
	203	0.015	8.554	-0.01
	204	-0.001	8.551	-0.155
	205	0.004	8.593	0.251
	206	-0.025	8.591	-0.001
	207	0.028	8.56	-0.005
	208	-0.002	8.542	-0.291
	209	0.009	8.606	0.509
	210	-0.012	8.607	-0.006
	211	0.015	8.552	-0.011
	212	0	8.552	-0.156
	213	0.004	8.594	0.249
18089	201	0	13.649	-0.009
	202	-0.016	15.284	-0.007
	203	0.012	15.278	-0.013
	204	0	15.288	-0.157
	205	0.002	15.309	0.238
	206	-0.03	9.623	-0.004
	207	0.027	9.588	-0.008
	208	0	9.592	-0.292
	209	0.005	9.662	0.485
	210	-0.015	17.723	-0.008
	211	0.011	17.719	-0.014
	212	0	17.731	-0.158
	213	0.002	17.748	0.236
18091	201	0	13.604	-0.012
	202	-0.014	15.226	-0.009
	203	0.009	15.234	-0.015
	204	-0.001	15.28	-0.161
	205	-0.002	15.241	0.233
	206	-0.027	9.581	-0.006

	207	0.02	9.563	-0.011
	208	-0.002	9.639	-0.299
	209	-0.002	9.595	0.478
	210	-0.014	17.656	-0.011
	211	0.008	17.667	-0.016
	212	-0.001	17.712	-0.163
	213	-0.002	17.671	0.231
18093	201	-0.001	8.795	-0.014
	202	-0.012	8.837	-0.01
	203	0.002	8.838	-0.016
	204	-0.002	8.817	-0.167
	205	0	8.857	0.235
	206	-0.023	8.708	-0.009
	207	0.009	8.693	-0.013
	208	-0.001	8.657	-0.31
	209	0.002	8.732	0.482
	210	-0.012	8.896	-0.011
	211	0.002	8.9	-0.017
	212	-0.002	8.877	-0.168
	213	0	8.92	0.234
18103	201	0	7.084	-0.013
	202	-0.019	7.178	-0.01
	203	0.017	7.143	-0.017
	204	-0.001	7.18	-0.18
	205	0	7.109	0.27
	206	-0.035	6.985	-0.004
	207	0.038	6.939	-0.01
	208	-0.001	7.006	-0.33
	209	0.002	6.887	0.556
	210	-0.019	7.269	-0.013
	211	0.017	7.231	-0.02
	212	-0.001	7.272	-0.183
	213	0	7.199	0.267
18107	201	0.001	8.64	-0.016
	202	-0.019	8.636	-0.015
	203	0.051	8.727	-0.018
	204	0	8.621	-0.218
	205	0.001	8.67	0.224
	206	-0.04	8.64	-0.015
	207	0.088	8.78	-0.018
	208	-0.001	8.605	-0.397
	209	-0.005	8.683	0.457
	210	-0.018	8.634	-0.016
	211	0.053	8.73	-0.018

	212	0.001	8.621	-0.22
	213	0.002	8.671	0.224
18109	201	0	13.541	0.001
	202	-0.02	15.159	0.002
	203	0.027	15.188	0
	204	-0.002	15.148	-0.205
	205	-0.002	15.253	0.235
	206	-0.029	9.468	0.002
	207	0.047	9.523	0
	208	-0.003	9.448	-0.388
	209	-0.003	9.655	0.46
	210	-0.021	17.596	0.002
	211	0.027	17.625	0
	212	-0.002	17.583	-0.206
	213	-0.002	17.688	0.234
18111	201	0	13.654	0.011
	202	-0.015	15.276	0.013
	203	0.025	15.305	0.01
	204	0.001	15.321	-0.203
	205	0.001	15.292	0.251
	206	-0.022	9.594	0.012
	207	0.043	9.651	0.01
	208	0.003	9.675	-0.395
	209	0.003	9.634	0.481
	210	-0.015	17.711	0.012
	211	0.025	17.739	0.01
	212	0.001	17.756	-0.205
	213	0	17.726	0.25
18113	201	0	8.635	-0.016
	202	-0.021	8.633	-0.019
	203	0.042	8.633	-0.018
	204	-0.001	8.617	-0.191
	205	0.003	8.66	0.242
	206	-0.041	8.638	-0.015
	207	0.072	8.638	-0.013
	208	-0.001	8.607	-0.352
	209	0.003	8.691	0.499
	210	-0.021	8.631	-0.02
	211	0.043	8.631	-0.018
	212	0	8.616	-0.192
	213	0.003	8.659	0.241
18115	201	0	13.588	0.001
	202	-0.021	15.219	-0.002
	203	0.025	15.241	-0.001

	204	0	15.209	-0.179
	205	-0.001	15.31	0.249
	206	-0.032	9.453	0.002
	207	0.043	9.494	0.004
	208	0.001	9.437	-0.344
	209	0	9.641	0.494
	210	-0.022	17.687	-0.003
	211	0.025	17.709	-0.001
	212	0	17.675	-0.18
	213	-0.001	17.775	0.247
18117	201	0	13.694	0.012
	202	-0.017	15.317	0.008
	203	0.022	15.349	0.01
	204	0.001	15.368	-0.177
	205	0	15.348	0.264
	206	-0.026	9.558	0.012
	207	0.038	9.613	0.014
	208	0.002	9.652	-0.352
	209	0	9.619	0.514
	210	-0.018	17.779	0.008
	211	0.022	17.811	0.009
	212	0.001	17.83	-0.178
	213	0	17.81	0.263
18119	201	0	8.635	-0.012
	202	-0.024	8.634	-0.013
	203	0.036	8.634	-0.014
	204	0	8.617	-0.193
	205	0.003	8.66	0.239
	206	-0.044	8.638	-0.01
	207	0.062	8.638	-0.016
	208	0.001	8.604	-0.375
	209	0.004	8.688	0.471
	210	-0.023	8.632	-0.013
	211	0.037	8.632	-0.014
	212	0	8.616	-0.191
	213	0.003	8.659	0.243
18121	201	0	13.562	0.006
	202	-0.025	15.221	0.004
	203	0.025	15.188	0.003
	204	0	15.186	-0.18
	205	0	15.274	0.246
	206	-0.038	9.517	0.008
	207	0.043	9.453	0.001
	208	0.001	9.45	-0.368

	209	0.001	9.634	0.466
	210	-0.026	17.677	0.005
	211	0.025	17.643	0.004
	212	0	17.639	-0.179
	213	0	17.727	0.25
18123	201	0	13.657	0.016
	202	-0.022	15.307	0.015
	203	0.02	15.28	0.014
	204	0	15.342	-0.179
	205	0	15.3	0.261
	206	-0.034	9.614	0.018
	207	0.035	9.562	0.011
	208	0.001	9.681	-0.376
	209	0.001	9.607	0.486
	210	-0.023	17.753	0.015
	211	0.02	17.727	0.014
	212	0	17.789	-0.177
	213	0	17.745	0.265
18125	201	0	8.638	-0.012
	202	-0.029	8.642	-0.017
	203	0.033	8.635	-0.017
	204	0.006	8.617	-0.297
	205	-0.013	8.685	0.422
	206	-0.053	8.627	-0.013
	207	0.056	8.639	-0.021
	208	0.012	8.598	-0.567
	209	-0.031	8.719	0.876
	210	-0.028	8.645	-0.018
	211	0.034	8.634	-0.016
	212	0.007	8.616	-0.299
	213	-0.012	8.683	0.417
18127	201	0	13.636	0.006
	202	-0.031	15.291	0.001
	203	0.027	15.286	0.002
	204	0	15.265	-0.284
	205	-0.002	15.349	0.43
	206	-0.048	9.557	0.005
	207	0.047	9.535	-0.003
	208	0.002	9.501	-0.558
	209	-0.001	9.683	0.873
	210	-0.032	17.756	0.001
	211	0.027	17.754	0.003
	212	0	17.73	-0.285
	213	-0.002	17.813	0.426

18129	201	0	13.668	0.012
	202	-0.03	15.333	0.007
	203	0.022	15.32	0.007
	204	0.003	15.36	-0.281
	205	-0.009	15.33	0.435
	206	-0.047	9.604	0.01
	207	0.037	9.576	0.003
	208	0.007	9.649	-0.558
	209	-0.019	9.603	0.876
	210	-0.032	17.798	0.007
	211	0.022	17.785	0.009
	212	0.003	17.823	-0.282
	213	-0.009	17.793	0.431
18131	201	-0.001	8.64	0.008
	202	-0.013	8.638	0.005
	203	0.007	8.638	0.005
	204	-0.007	8.611	-0.246
	205	0.008	8.689	0.445
	206	-0.021	8.644	0.008
	207	0.011	8.644	0.005
	208	-0.011	8.592	-0.477
	209	0.018	8.748	0.909
	210	-0.013	8.636	0.005
	211	0.007	8.636	0.005
	212	-0.007	8.608	-0.249
	213	0.007	8.686	0.438
18133	201	0	13.608	0.003
	202	-0.012	15.211	-0.001
	203	0.008	15.258	-0.001
	204	0	15.223	-0.251
	205	-0.002	15.326	0.43
	206	-0.022	9.478	0.002
	207	0.017	9.562	-0.001
	208	0.001	9.507	-0.482
	209	-0.004	9.733	0.884
	210	-0.013	17.659	0
	211	0.007	17.708	0
	212	0	17.669	-0.254
	213	-0.002	17.769	0.423
18135	201	0	13.637	0.001
	202	-0.013	15.243	-0.002
	203	0.006	15.286	-0.003
	204	-0.003	15.302	-0.254
	205	0.005	15.308	0.424

	206	-0.022	9.523	0.001
	207	0.015	9.598	-0.003
	208	-0.006	9.631	-0.486
	209	0.011	9.647	0.874
	210	-0.013	17.687	-0.002
	211	0.006	17.731	-0.002
	212	-0.003	17.747	-0.256
	213	0.004	17.751	0.417
18137	201	0.001	8.556	0.008
	202	-0.009	8.554	0.007
	203	0.016	8.554	0.009
	204	0.001	8.537	-0.147
	205	0.002	8.589	0.296
	206	-0.021	8.56	0.012
	207	0.026	8.56	0.008
	208	0	8.527	-0.297
	209	0.002	8.627	0.576
	210	-0.009	8.552	0.007
	211	0.016	8.552	0.01
	212	0.002	8.535	-0.147
	213	0.002	8.587	0.297
18139	201	0	13.666	0.003
	202	-0.014	15.337	0.001
	203	0.009	15.285	0.003
	204	0	15.293	-0.152
	205	0	15.388	0.281
	206	-0.024	9.661	0.007
	207	0.02	9.559	0.002
	208	0.001	9.579	-0.3
	209	0.001	9.799	0.55
	210	-0.014	17.786	0.002
	211	0.008	17.734	0.004
	212	0	17.739	-0.152
	213	0	17.831	0.282
18141	201	0	13.745	-0.001
	202	-0.013	15.406	-0.003
	203	0.007	15.361	-0.001
	204	-0.001	15.412	-0.158
	205	0	15.429	0.275
	206	-0.023	9.733	0.002
	207	0.015	9.651	-0.002
	208	-0.001	9.745	-0.309
	209	0	9.783	0.542
	210	-0.014	17.849	-0.002

	211	0.006	17.804	0.001
	212	-0.001	17.854	-0.158
	213	0	17.872	0.276
18143	201	0.001	8.565	0.005
	202	-0.011	8.556	0.004
	203	0.016	8.587	0.005
	204	0.001	8.555	-0.153
	205	0.002	8.604	0.286
	206	-0.023	8.562	0.009
	207	0.027	8.585	0.007
	208	0.001	8.541	-0.302
	209	0.002	8.623	0.564
	210	-0.011	8.554	0.003
	211	0.016	8.592	0.005
	212	0.002	8.557	-0.154
	213	0.002	8.605	0.286
18145	201	0	13.678	-0.001
	202	-0.016	15.321	-0.001
	203	0.01	15.329	0
	204	0	15.305	-0.157
	205	0	15.389	0.271
	206	-0.029	9.622	0.004
	207	0.022	9.655	0.002
	208	0	9.586	-0.306
	209	0	9.787	0.541
	210	-0.017	17.769	-0.002
	211	0.009	17.775	-0.001
	212	0	17.753	-0.158
	213	0	17.833	0.272
18147	201	0	13.751	-0.004
	202	-0.016	15.391	-0.005
	203	0.007	15.377	-0.004
	204	0	15.414	-0.164
	205	0.001	15.435	0.266
	206	-0.027	9.697	-0.001
	207	0.017	9.694	-0.002
	208	0	9.739	-0.315
	209	0.002	9.791	0.534
	210	-0.016	17.836	-0.006
	211	0.007	17.817	-0.004
	212	0	17.856	-0.165
	213	0.001	17.878	0.266
18149	201	0.001	8.555	0.002
	202	-0.012	8.553	0.003

	203	0.016	8.553	0.002
	204	0.001	8.536	-0.152
	205	0.001	8.587	0.28
	206	-0.026	8.559	0.004
	207	0.027	8.559	0.006
	208	0	8.527	-0.291
	209	0.002	8.627	0.566
	210	-0.012	8.551	0.002
	211	0.016	8.55	-0.001
	212	0.001	8.533	-0.155
	213	0.002	8.585	0.279
18151	201	0	13.667	-0.003
	202	-0.017	15.268	-0.003
	203	0.011	15.319	-0.003
	204	0	15.294	-0.156
	205	-0.001	15.384	0.265
	206	-0.03	9.529	-0.001
	207	0.024	9.62	0.001
	208	0	9.582	-0.294
	209	0	9.792	0.539
	210	-0.017	17.716	-0.004
	211	0.01	17.767	-0.006
	212	0	17.74	-0.159
	213	-0.001	17.827	0.263
18153	201	0	13.754	-0.007
	202	-0.017	15.352	-0.006
	203	0.008	15.4	-0.007
	204	-0.001	15.415	-0.162
	205	-0.001	15.427	0.259
	206	-0.029	9.624	-0.005
	207	0.018	9.703	-0.003
	208	-0.001	9.742	-0.302
	209	0	9.777	0.531
	210	-0.017	17.797	-0.008
	211	0.007	17.846	-0.01
	212	-0.001	17.86	-0.165
	213	0	17.87	0.257
18155	201	0.001	8.555	0.001
	202	-0.012	8.553	0.006
	203	0.016	8.553	0
	204	0	8.537	-0.147
	205	0.002	8.587	0.276
	206	-0.025	8.56	0.013
	207	0.029	8.559	0.002

	208	0	8.527	-0.287
	209	0.004	8.626	0.559
	210	-0.013	8.551	0.004
	211	0.016	8.55	-0.003
	212	0	8.534	-0.148
	213	0.002	8.584	0.273
18157	201	0	13.686	-0.004
	202	-0.015	15.355	0.001
	203	0.012	15.308	-0.006
	204	0	15.328	-0.151
	205	0	15.397	0.26
	206	-0.028	9.663	0.008
	207	0.027	9.569	-0.003
	208	0	9.605	-0.29
	209	0.001	9.771	0.533
	210	-0.015	17.809	-0.001
	211	0.012	17.762	-0.008
	212	0	17.782	-0.152
	213	0	17.847	0.257
18159	201	0	13.762	-0.008
	202	-0.015	15.418	-0.004
	203	0.009	15.381	-0.01
	204	-0.001	15.432	-0.157
	205	0	15.434	0.254
	206	-0.027	9.728	0.004
	207	0.02	9.653	-0.007
	208	0	9.748	-0.298
	209	0.002	9.765	0.525
	210	-0.015	17.867	-0.005
	211	0.008	17.83	-0.012
	212	-0.001	17.88	-0.158
	213	0	17.882	0.251
18203	201	0	8.597	0.025
	202	-0.028	8.615	0.026
	203	0.047	8.682	0.024
	204	0	8.561	-0.175
	205	-0.002	8.704	0.26
	206	-0.045	8.531	0.026
	207	0.085	8.64	0.024
	208	0	8.427	-0.355
	209	-0.005	8.707	0.486
	210	-0.029	8.65	0.026
	211	0.048	8.719	0.024
	212	0.001	8.597	-0.177

	213	-0.002	8.739	0.259
18205	201	0	8.6	0.026
	202	-0.028	8.618	0.022
	203	0.04	8.626	0.024
	204	0	8.57	-0.149
	205	-0.001	8.709	0.276
	206	-0.045	8.531	0.026
	207	0.072	8.544	0.028
	208	0	8.438	-0.31
	209	-0.001	8.717	0.524
	210	-0.029	8.654	0.022
	211	0.041	8.662	0.024
	212	0	8.606	-0.15
	213	-0.001	8.744	0.274
18207	201	0	8.602	0.03
	202	-0.031	8.634	0.029
	203	0.036	8.622	0.028
	204	0	8.574	-0.151
	205	-0.001	8.71	0.273
	206	-0.05	8.557	0.032
	207	0.065	8.533	0.025
	208	0	8.435	-0.333
	209	0	8.712	0.497
	210	-0.032	8.67	0.029
	211	0.037	8.658	0.028
	212	0	8.612	-0.149
	213	-0.001	8.747	0.277
18209	201	-0.001	8.602	0.029
	202	-0.037	8.622	0.024
	203	0.035	8.626	0.025
	204	0.004	8.545	-0.254
	205	-0.01	8.764	0.455
	206	-0.059	8.538	0.028
	207	0.064	8.54	0.021
	208	0.008	8.383	-0.523
	209	-0.02	8.83	0.901
	210	-0.039	8.657	0.024
	211	0.036	8.663	0.026
	212	0.004	8.582	-0.256
	213	-0.01	8.798	0.451
18211	201	-0.001	8.675	-0.007
	202	-0.015	8.696	-0.011
	203	0.008	8.714	-0.011
	204	-0.003	8.575	-0.265

	205	0.003	8.957	0.43
	206	-0.024	8.573	-0.007
	207	0.016	8.6	-0.01
	208	-0.005	8.334	-0.498
	209	0.008	9.114	0.896
	210	-0.015	8.747	-0.011
	211	0.008	8.765	-0.011
	212	-0.003	8.624	-0.268
	213	0.003	9.002	0.422
18213	201	0	7.043	0.004
	202	-0.017	7.123	0.001
	203	0.015	7.09	0.004
	204	0	7.135	-0.172
	205	0	7.085	0.321
	206	-0.03	6.95	0.009
	207	0.029	6.895	0.005
	208	0	6.974	-0.337
	209	0	6.907	0.631
	210	-0.018	7.204	0.001
	211	0.015	7.171	0.004
	212	0	7.217	-0.172
	213	0	7.163	0.321
18215	201	0	7.057	0
	202	-0.021	7.12	-0.002
	203	0.015	7.14	0
	204	0	7.151	-0.178
	205	0.001	7.096	0.31
	206	-0.036	6.934	0.006
	207	0.031	6.982	0.004
	208	0	6.989	-0.344
	209	0.001	6.904	0.621
	210	-0.021	7.202	-0.004
	211	0.016	7.222	-0.002
	212	0	7.236	-0.18
	213	0.001	7.177	0.31
18217	201	0	7.049	-0.003
	202	-0.021	7.082	-0.003
	203	0.016	7.112	-0.004
	204	0	7.138	-0.177
	205	0.001	7.09	0.303
	206	-0.037	6.875	0.001
	207	0.034	6.928	0.003
	208	0	6.976	-0.33
	209	0.002	6.91	0.619

	210	-0.022	7.163	-0.005
	211	0.017	7.195	-0.008
	212	0	7.22	-0.181
	213	0.001	7.168	0.3
18219	201	0	7.062	-0.005
	202	-0.019	7.135	0
	203	0.018	7.111	-0.007
	204	0	7.155	-0.172
	205	0.001	7.097	0.297
	206	-0.034	6.951	0.011
	207	0.039	6.904	-0.002
	208	0	6.989	-0.326
	209	0.003	6.902	0.611
	210	-0.02	7.219	-0.003
	211	0.018	7.196	-0.011
	212	0	7.241	-0.174
	213	0.001	7.179	0.293
18236	201	0	8.844	0
	202	-0.174	8.249	-0.08
	203	0.007	9.1	0.002
	204	0	8.902	-0.386
	205	0	8.699	1.044
	206	-0.347	7.622	-0.128
	207	0.015	9.169	0.017
	208	0	8.858	-0.738
	209	0.001	8.46	2.104
	210	-0.175	8.283	-0.088
	211	0.007	9.145	-0.002
	212	0	8.945	-0.392
	213	0	8.742	1.037
18238	201	-0.001	8.962	0
	202	-0.237	8.251	-0.08
	203	0.011	9.241	0.001
	204	0	9.035	-0.392
	205	0.001	8.756	0.891
	206	-0.472	7.427	-0.126
	207	0.018	9.324	0.016
	208	0.001	8.947	-0.749
	209	0.002	8.309	1.794
	210	-0.238	8.299	-0.088
	211	0.011	9.288	-0.003
	212	0.001	9.084	-0.398
	213	0.001	8.813	0.885
18241	201	0	8.558	-0.007

	202	-0.164	8.324	-0.081
	203	0.001	8.705	-0.004
	204	0.013	8.609	-0.461
	205	-0.021	8.844	0.634
	206	-0.332	8.001	-0.129
	207	0.002	8.735	0.011
	208	0.026	8.575	-0.883
	209	-0.041	9.077	1.277
	210	-0.163	8.352	-0.091
	211	0.001	8.732	-0.008
	212	0.014	8.637	-0.468
	213	-0.02	8.866	0.631
18254	201	0	8.892	-0.018
	202	-0.054	8.986	-0.035
	203	0.008	8.92	-0.009
	204	0	8.924	-0.47
	205	0	8.765	1.1
	206	-0.106	8.909	-0.057
	207	0.016	8.794	0.007
	208	0	8.82	-0.852
	209	0.001	8.512	2.289
	210	-0.055	9.039	-0.04
	211	0.008	8.969	-0.015
	212	0	8.977	-0.478
	213	0	8.827	1.084
18256	201	-0.001	8.995	-0.02
	202	-0.079	9.201	-0.037
	203	0.012	8.999	-0.01
	204	0.001	9.046	-0.475
	205	-0.001	8.805	0.941
	206	-0.156	9.202	-0.06
	207	0.02	8.873	0.007
	208	0.002	8.926	-0.859
	209	-0.002	8.418	1.954
	210	-0.08	9.255	-0.043
	211	0.012	9.047	-0.016
	212	0.001	9.099	-0.483
	213	-0.001	8.87	0.928
18259	201	0	8.632	-0.016
	202	-0.011	8.659	-0.042
	203	0.001	8.672	-0.011
	204	-0.002	8.623	-0.581
	205	0.002	8.955	0.712
	206	-0.027	8.582	-0.076

	207	0.003	8.598	0.003
	208	-0.004	8.519	-1.059
	209	0.003	9.184	1.477
	210	-0.011	8.693	-0.049
	211	0.001	8.706	-0.015
	212	-0.002	8.659	-0.59
	213	0.001	8.986	0.703
18272	201	-0.001	9.008	-0.013
	202	-0.098	9.735	0.003
	203	0.016	8.893	-0.009
	204	0.001	8.911	-0.419
	205	0.003	8.885	0.726
	206	-0.188	10.371	0.018
	207	0.026	8.703	0.003
	208	0.001	8.751	-0.766
	209	0.01	8.659	1.476
	210	-0.1	9.772	0.002
	211	0.017	8.925	-0.013
	212	0.001	8.946	-0.425
	213	0.003	8.923	0.721
18275	201	0	8.75	-0.013
	202	-0.01	9.076	-0.002
	203	0.002	8.639	-0.01
	204	0	8.678	-0.468
	205	-0.001	9.301	0.82
	206	-0.025	9.302	0.014
	207	0.005	8.434	-0.004
	208	0	8.508	-0.867
	209	-0.001	9.808	1.67
	210	-0.01	9.115	-0.003
	211	0.001	8.676	-0.012
	212	0	8.72	-0.475
	213	-0.001	9.334	0.814
18277	201	0	8.742	-0.013
	202	-0.008	8.959	0
	203	0.001	8.657	-0.01
	204	-0.006	8.584	-0.579
	205	0.005	9.302	0.697
	206	-0.016	9.191	0.017
	207	0.002	8.572	-0.006
	208	-0.01	8.401	-1.08
	209	0.01	9.829	1.418
	210	-0.008	8.966	-0.002
	211	0.001	8.666	-0.012

	212	-0.006	8.596	-0.588
	213	0.005	9.313	0.692
18291	201	0	7.409	-0.022
	202	0.029	7.893	-0.002
	203	-0.004	7.33	-0.018
	204	0.003	7.619	-0.508
	205	-0.007	7.351	0.917
	206	0.04	8.099	0.017
	207	0.004	7.061	-0.005
	208	0.006	7.589	-0.929
	209	-0.014	6.994	1.869
	210	0.031	7.977	-0.004
	211	-0.004	7.399	-0.022
	212	0.003	7.705	-0.516
	213	-0.007	7.432	0.911
18293	201	0	7.469	-0.001
	202	-0.017	7.375	0.014
	203	0.004	7.645	0.003
	204	0	7.634	-0.397
	205	0.002	7.281	0.992
	206	-0.044	6.836	0.047
	207	0.013	7.501	0.008
	208	0	7.463	-0.782
	209	0.003	6.736	2
	210	-0.016	7.504	0.014
	211	0.004	7.757	0.001
	212	0	7.755	-0.4
	213	0.002	7.412	0.989
18295	201	0	7.63	0.009
	202	-0.007	7.911	0.01
	203	0.001	7.747	0.012
	204	0	7.838	-0.379
	205	0	7.523	0.876
	206	-0.025	7.701	0.012
	207	0.016	7.153	0.01
	208	0	7.526	-0.757
	209	0.002	6.758	1.758
	210	-0.006	8.096	0.011
	211	0	7.942	0.014
	212	0	8.028	-0.377
	213	0	7.722	0.876
18297	201	0	7.578	0.008
	202	-0.007	7.705	0.012
	203	0.001	7.707	0.011

	204	0	7.772	-0.391
	205	0	7.477	0.869
	206	-0.026	7.284	0.014
	207	0.014	7.287	0.008
	208	0	7.488	-0.755
	209	0.002	6.763	1.747
	210	-0.006	7.884	0.012
	211	0	7.885	0.011
	212	0	7.949	-0.39
	213	0	7.665	0.867
18299	201	0	7.641	0.008
	202	-0.008	7.651	0.018
	203	0.001	7.825	0.01
	204	0	7.839	-0.382
	205	0	7.555	0.874
	206	-0.028	6.96	0.021
	207	0.013	7.524	0.006
	208	0	7.521	-0.755
	209	0.001	6.852	1.76
	210	-0.006	7.847	0.019
	211	0	8.011	0.01
	212	0	8.031	-0.38
	213	0	7.758	0.874
18301	201	0	7.719	0.008
	202	-0.007	8.019	0.011
	203	0	7.803	0.013
	204	0	7.947	-0.368
	205	0	7.62	0.874
	206	-0.025	7.78	0.011
	207	0.012	7.147	0.008
	208	0	7.553	-0.745
	209	0.001	6.818	1.742
	210	-0.005	8.232	0.011
	211	-0.001	8.022	0.014
	212	0	8.162	-0.371
	213	0	7.843	0.876
18303	201	0	7.699	0.009
	202	-0.006	7.857	0.013
	203	0	7.85	0.012
	204	0	7.923	-0.367
	205	0	7.621	0.859
	206	-0.023	7.326	0.012
	207	0.012	7.317	0.007
	208	0	7.51	-0.742

	209	0.001	6.832	1.698
	210	-0.004	8.081	0.014
	211	-0.001	8.075	0.013
	212	0	8.148	-0.369
	213	0	7.857	0.863
18305	201	0	7.705	0.009
	202	-0.005	7.741	0.02
	203	0	7.893	0.009
	204	0	7.919	-0.382
	205	0	7.641	0.857
	206	-0.022	6.986	0.023
	207	0.013	7.53	0.005
	208	0	7.518	-0.756
	209	0.002	6.889	1.706
	210	-0.004	7.972	0.021
	211	-0.001	8.108	0.011
	212	0	8.138	-0.381
	213	0	7.872	0.858
18307	201	0	7.726	0.011
	202	-0.006	7.992	0.013
	203	0	7.841	0.013
	204	0	7.935	-0.375
	205	0	7.662	0.858
	206	-0.022	7.731	0.012
	207	0.015	7.17	0.007
	208	0	7.542	-0.751
	209	0.002	6.873	1.703
	210	-0.004	8.2	0.014
	211	-0.001	8.064	0.016
	212	0	8.154	-0.37
	213	0	7.893	0.861
18309	201	0	7.837	0.015
	202	-0.006	8.023	0.026
	203	0	8.012	0.014
	204	0	8.092	-0.339
	205	0	7.784	0.88
	206	-0.023	7.416	0.018
	207	0.012	7.375	0.007
	208	0	7.586	-0.729
	209	0.002	6.919	1.712
	210	-0.005	8.292	0.03
	211	-0.001	8.28	0.019
	212	0	8.357	-0.325
	213	0	8.053	0.885

18311	201	0	7.618	0.011
	202	-0.007	7.539	0.03
	203	0	7.774	0.009
	204	0	7.815	-0.375
	205	0	7.551	0.876
	206	-0.025	6.881	0.021
	207	0.01	7.51	0.004
	208	0	7.491	-0.751
	209	0.001	6.887	1.733
	210	-0.006	7.73	0.035
	211	-0.001	7.949	0.012
	212	0	7.994	-0.373
	213	0	7.744	0.878
18313	201	0	7.553	0.01
	202	-0.006	7.869	0.014
	203	-0.001	7.635	0.011
	204	-0.001	7.736	-0.436
	205	0.002	7.489	0.922
	206	-0.022	7.725	0.01
	207	0.009	7.094	0.006
	208	-0.003	7.455	-0.838
	209	0.004	6.85	1.842
	210	-0.005	8.029	0.016
	211	-0.001	7.805	0.013
	212	-0.002	7.899	-0.439
	213	0.002	7.664	0.92
18315	201	0	7.544	0.004
	202	0.001	7.657	0.006
	203	-0.002	7.65	0.004
	204	0	7.723	-0.121
	205	-0.001	7.486	0.223
	206	-0.003	7.293	0.004
	207	0.003	7.277	0.002
	208	0.001	7.459	-0.234
	209	-0.001	6.876	0.437
	210	0.001	7.813	0.007
	211	-0.002	7.807	0.004
	212	0	7.879	-0.122
	213	-0.001	7.649	0.224
18317	201	0	7.677	0.015
	202	-0.013	7.724	0.042
	203	0.008	7.865	0.01
	204	0.002	7.853	-0.353
	205	-0.003	7.666	0.908

	206	-0.031	7.006	0.027
	207	0.026	7.433	0.004
	208	0.004	7.378	-0.746
	209	-0.005	6.985	1.771
	210	-0.013	7.95	0.051
	211	0.007	8.086	0.012
	212	0.002	8.076	-0.342
	213	-0.004	7.892	0.916
18319	201	0	7.65	0.01
	202	-0.014	7.894	0.013
	203	0.009	7.765	0.012
	204	-0.001	7.82	-0.318
	205	0	7.635	0.815
	206	-0.031	7.607	0.01
	207	0.028	7.164	0.004
	208	-0.001	7.361	-0.666
	209	0.002	6.969	1.596
	210	-0.014	8.106	0.015
	211	0.008	7.98	0.016
	212	-0.001	8.04	-0.311
	213	0	7.859	0.82
18321	201	0	7.545	0.007
	202	-0.016	7.662	0.01
	203	0.007	7.666	0.006
	204	0	7.68	-0.33
	205	0	7.516	0.79
	206	-0.033	7.243	0.014
	207	0.024	7.241	0.003
	208	0	7.319	-0.661
	209	0.002	6.937	1.566
	210	-0.015	7.84	0.01
	211	0.006	7.845	0.007
	212	0	7.859	-0.334
	213	0	7.702	0.79
18323	201	0	7.55	0.005
	202	-0.018	7.537	0.014
	203	0.007	7.696	0.004
	204	0	7.664	-0.334
	205	0	7.537	0.777
	206	-0.037	6.968	0.023
	207	0.021	7.485	0.004
	208	0	7.367	-0.661
	209	0.002	7.022	1.573
	210	-0.018	7.696	0.011

	211	0.006	7.842	0.003
	212	0	7.816	-0.339
	213	0	7.7	0.774
18325	201	0	7.584	0.005
	202	-0.016	7.812	0.007
	203	0.006	7.647	0.004
	204	0	7.704	-0.315
	205	0.001	7.557	0.791
	206	-0.032	7.659	0.009
	207	0.02	7.157	0.003
	208	0	7.401	-0.658
	209	0.002	7.026	1.568
	210	-0.016	7.962	0.006
	211	0.006	7.804	0.005
	212	0	7.855	-0.315
	213	0	7.718	0.789
18327	201	0	7.399	0.001
	202	-0.014	7.489	0.002
	203	0.007	7.48	0
	204	-0.001	7.495	-0.338
	205	-0.003	7.356	0.731
	206	-0.029	7.202	0.002
	207	0.021	7.179	0.002
	208	-0.001	7.249	-0.668
	209	-0.005	6.911	1.452
	210	-0.015	7.613	0.002
	211	0.006	7.605	-0.001
	212	-0.001	7.619	-0.34
	213	-0.003	7.493	0.728
18381	201	0	7.676	0.01
	202	-0.007	7.655	0.02
	203	0.001	7.845	0.011
	204	0	7.904	-0.37
	205	0	7.568	0.897
	206	-0.025	6.935	0.03
	207	0.014	7.519	0.008
	208	0	7.549	-0.755
	209	0.002	6.81	1.781
	210	-0.006	7.866	0.023
	211	0	8.046	0.012
	212	0	8.1	-0.367
	213	0	7.777	0.9
18385	201	0	7.543	0.002
	202	-0.015	7.798	0.01

	203	0.003	7.564	0.008
	204	0	7.705	-0.386
	205	0	7.345	1.014
	206	-0.039	7.701	0.02
	207	0.013	7.128	0.017
	208	0	7.521	-0.772
	209	0	6.664	2.022
	210	-0.014	7.927	0.009
	211	0.003	7.704	0.007
	212	0	7.833	-0.388
	213	0	7.487	1.011
18386	201	0	7.569	0.005
	202	-0.013	7.673	0.013
	203	0.003	7.673	0.011
	204	0	7.75	-0.367
	205	0	7.382	0.977
	206	-0.034	7.307	0.024
	207	0.013	7.317	0.012
	208	0	7.534	-0.747
	209	0.001	6.711	1.936
	210	-0.012	7.82	0.013
	211	0.003	7.822	0.011
	212	0	7.896	-0.366
	213	0	7.541	0.977
18387	201	0	7.617	0.007
	202	-0.011	7.619	0.021
	203	0.003	7.779	0.011
	204	0	7.806	-0.363
	205	0	7.454	0.975
	206	-0.032	6.977	0.045
	207	0.015	7.526	0.011
	208	0	7.559	-0.747
	209	0.002	6.773	1.933
	210	-0.01	7.796	0.022
	211	0.003	7.94	0.011
	212	0	7.97	-0.358
	213	0	7.629	0.975
18388	201	0	7.651	0.009
	202	-0.011	7.887	0.013
	203	0.003	7.728	0.015
	204	0	7.852	-0.359
	205	0	7.489	0.949
	206	-0.031	7.727	0.017
	207	0.016	7.178	0.015

	208	0	7.579	-0.748
	209	0.002	6.71	1.871
	210	-0.009	8.053	0.014
	211	0.003	7.912	0.017
	212	0	8.024	-0.354
	213	0	7.675	0.953
18389	201	0	7.745	0.012
	202	-0.01	7.888	0.024
	203	0.002	7.893	0.022
	204	0	7.983	-0.346
	205	0	7.6	0.951
	206	-0.032	7.343	0.027
	207	0.014	7.356	0.017
	208	0	7.586	-0.752
	209	0.002	6.75	1.853
	210	-0.009	8.119	0.026
	211	0.002	8.124	0.026
	212	0	8.207	-0.336
	213	0	7.834	0.958
18390	201	0	7.698	0.011
	202	-0.011	7.667	0.024
	203	0.002	7.855	0.014
	204	0	7.925	-0.36
	205	0	7.569	0.926
	206	-0.034	6.938	0.03
	207	0.013	7.525	0.011
	208	0	7.564	-0.763
	209	0.001	6.791	1.835
	210	-0.009	7.893	0.029
	211	0.001	8.066	0.017
	212	0	8.135	-0.353
	213	0	7.789	0.931
18391	201	0	7.656	0.01
	202	-0.009	7.978	0.013
	203	0.002	7.776	0.014
	204	0	7.871	-0.383
	205	0	7.536	0.915
	206	-0.03	7.76	0.014
	207	0.013	7.153	0.016
	208	0	7.552	-0.766
	209	0.001	6.732	1.818
	210	-0.008	8.169	0.014
	211	0.001	7.979	0.018
	212	0	8.065	-0.379

	213	0	7.741	0.917
18392	201	0	7.625	0.01
	202	-0.008	7.765	0.014
	203	0.001	7.755	0.012
	204	0	7.834	-0.379
	205	0	7.522	0.893
	206	-0.027	7.339	0.015
	207	0.013	7.315	0.011
	208	0	7.539	-0.755
	209	0.002	6.771	1.777
	210	-0.007	7.95	0.015
	211	0.001	7.941	0.014
	212	0	8.015	-0.377
	213	0	7.715	0.894
18404	201	0	8.781	-0.006
	202	-0.009	8.645	0.006
	203	0.001	8.86	-0.004
	204	0	8.82	-0.39
	205	0	9.157	0.823
	206	-0.023	8.404	0.035
	207	0.004	8.854	0
	208	0.001	8.744	-0.761
	209	-0.001	9.512	1.664
	210	-0.009	8.682	0.005
	211	0.001	8.893	-0.005
	212	0	8.86	-0.393
	213	0	9.184	0.821
18406	201	0	8.74	-0.006
	202	-0.008	8.59	0.005
	203	0.001	8.788	-0.003
	204	0.001	8.697	-0.48
	205	-0.001	9.172	0.697
	206	-0.016	8.464	0.028
	207	0.002	8.849	0.001
	208	0.002	8.619	-0.941
	209	-0.002	9.558	1.407
	210	-0.008	8.591	0.005
	211	0.001	8.789	-0.005
	212	0.001	8.703	-0.485
	213	-0.001	9.181	0.695
18408	201	0	8.742	-0.004
	202	-0.007	8.897	0.003
	203	0.001	8.701	0.001
	204	-0.001	8.704	-0.468

	205	0	9.173	0.716
	206	-0.014	9.051	0.011
	207	0.001	8.658	0.008
	208	-0.001	8.609	-0.929
	209	-0.001	9.551	1.43
	210	-0.007	8.9	0.002
	211	0	8.705	0
	212	-0.001	8.715	-0.472
	213	0	9.185	0.714
18410	201	0	8.711	-0.002
	202	-0.007	8.718	0.005
	203	0.001	8.712	0.003
	204	-0.001	8.664	-0.448
	205	-0.001	9.141	0.69
	206	-0.014	8.726	0.013
	207	0.001	8.721	0.004
	208	0	8.564	-0.902
	209	-0.001	9.515	1.367
	210	-0.007	8.719	0.005
	211	0.001	8.712	0.003
	212	-0.001	8.673	-0.45
	213	-0.001	9.15	0.69
18412	201	0	8.739	0
	202	-0.006	8.624	0.011
	203	0.001	8.778	0.003
	204	-0.001	8.675	-0.443
	205	0	9.151	0.688
	206	-0.013	8.506	0.028
	207	0.001	8.824	0.003
	208	0	8.563	-0.901
	209	-0.001	9.523	1.366
	210	-0.006	8.622	0.012
	211	0.001	8.782	0.003
	212	-0.001	8.684	-0.441
	213	-0.001	9.159	0.689
18414	201	0	8.744	0.001
	202	-0.006	8.885	0.005
	203	0.001	8.709	0.006
	204	-0.001	8.713	-0.441
	205	0	9.149	0.669
	206	-0.013	9.027	0.009
	207	0.001	8.676	0.007
	208	0	8.628	-0.905
	209	-0.001	9.511	1.32

	210	-0.006	8.887	0.005
	211	0.001	8.71	0.008
	212	-0.001	8.725	-0.439
	213	-0.001	9.157	0.672
18416	201	0	8.68	0.003
	202	-0.006	8.676	0.012
	203	0.001	8.677	0.011
	204	-0.001	8.616	-0.432
	205	0	9.097	0.67
	206	-0.013	8.712	0.015
	207	0.001	8.708	0.008
	208	0	8.548	-0.91
	209	-0.001	9.476	1.308
	210	-0.006	8.667	0.014
	211	0.001	8.668	0.014
	212	-0.001	8.608	-0.428
	213	0	9.099	0.676
18418	201	0	8.714	0.003
	202	-0.006	8.568	0.012
	203	0	8.759	0.005
	204	-0.001	8.662	-0.446
	205	0	9.109	0.652
	206	-0.013	8.472	0.016
	207	0.001	8.833	0.003
	208	-0.001	8.595	-0.922
	209	-0.001	9.478	1.294
	210	-0.006	8.558	0.016
	211	0.001	8.752	0.007
	212	-0.001	8.662	-0.443
	213	0	9.112	0.656
18420	201	0	8.722	0.002
	202	-0.006	8.873	0.005
	203	0	8.671	0.005
	204	-0.001	8.67	-0.47
	205	0	9.106	0.645
	206	-0.012	9.039	0.006
	207	0.001	8.653	0.007
	208	-0.001	8.585	-0.924
	209	-0.001	9.466	1.285
	210	-0.006	8.868	0.005
	211	0	8.664	0.008
	212	-0.001	8.675	-0.471
	213	0	9.111	0.648
18422	201	0	8.712	0.002

	202	-0.005	8.715	0.005
	203	0	8.71	0.003
	204	-0.001	8.653	-0.465
	205	0	9.077	0.629
	206	-0.011	8.724	0.007
	207	0.001	8.719	0.003
	208	-0.001	8.562	-0.912
	209	-0.001	9.424	1.254
	210	-0.006	8.714	0.006
	211	0.001	8.709	0.005
	212	-0.001	8.66	-0.467
	213	0	9.083	0.63
18426	201	0	8.782	0.001
	202	-0.004	8.934	0.002
	203	-0.001	8.765	0.004
	204	0	8.833	-0.378
	205	0	9.111	0.726
	206	-0.013	9.011	0.003
	207	0.002	8.628	0.002
	208	0	8.748	-0.74
	209	-0.001	9.413	1.462
	210	-0.004	8.97	0.002
	211	-0.001	8.801	0.005
	212	0	8.877	-0.378
	213	0	9.14	0.727
18428	201	0	8.725	0.002
	202	-0.005	8.859	0.002
	203	0.001	8.676	0.004
	204	-0.001	8.685	-0.465
	205	0	9.074	0.616
	206	-0.011	9.016	0.005
	207	0.001	8.665	0.002
	208	0	8.624	-0.913
	209	-0.001	9.417	1.239
	210	-0.005	8.854	0.003
	211	0.001	8.666	0.005
	212	-0.001	8.688	-0.467
	213	0	9.076	0.617
18432	201	0	8.761	0.001
	202	-0.004	8.785	0.004
	203	-0.001	8.786	0.003
	204	0	8.796	-0.388
	205	0	9.072	0.721
	206	-0.013	8.699	0.006

	207	0.002	8.7	0.001
	208	0	8.705	-0.737
	209	0	9.379	1.454
	210	-0.004	8.822	0.004
	211	-0.001	8.823	0.003
	212	0	8.84	-0.39
	213	0	9.1	0.72
18434	201	0	8.702	0.001
	202	-0.005	8.695	0.004
	203	0	8.695	0.003
	204	-0.001	8.637	-0.477
	205	0	9.037	0.612
	206	-0.011	8.719	0.006
	207	0.001	8.719	0.001
	208	-0.001	8.565	-0.91
	209	-0.001	9.384	1.232
	210	-0.006	8.686	0.004
	211	0.001	8.686	0.003
	212	-0.001	8.638	-0.481
	213	0	9.036	0.61
18438	201	0	8.771	0
	202	-0.004	8.646	0.008
	203	-0.001	8.834	0.001
	204	0	8.818	-0.381
	205	0	9.086	0.724
	206	-0.014	8.427	0.012
	207	0.001	8.828	-0.001
	208	0	8.738	-0.738
	209	0	9.39	1.463
	210	-0.004	8.676	0.009
	211	-0.001	8.866	0.002
	212	0	8.858	-0.382
	213	0	9.112	0.725
18440	201	0	8.708	0.001
	202	-0.005	8.558	0.008
	203	0	8.747	0.001
	204	-0.001	8.655	-0.47
	205	0	9.043	0.614
	206	-0.011	8.466	0.01
	207	0.001	8.826	-0.001
	208	-0.001	8.611	-0.911
	209	-0.001	9.389	1.239
	210	-0.006	8.54	0.009
	211	0	8.734	0.002

	212	-0.001	8.65	-0.472
	213	0	9.037	0.615
18444	201	0	8.773	0
	202	-0.004	8.954	0.002
	203	-0.001	8.752	0.003
	204	0	8.828	-0.371
	205	0	9.101	0.726
	206	-0.013	9.044	0.002
	207	0.001	8.62	0
	208	0	8.744	-0.729
	209	0	9.38	1.451
	210	-0.004	8.987	0.002
	211	-0.001	8.783	0.004
	212	0	8.871	-0.378
	213	0	9.127	0.727
18446	201	0	8.718	0
	202	-0.005	8.861	0.002
	203	0	8.66	0.004
	204	-0.001	8.654	-0.458
	205	0	9.041	0.616
	206	-0.011	9.027	0.003
	207	0.001	8.651	0.001
	208	-0.001	8.598	-0.899
	209	0	9.377	1.23
	210	-0.005	8.85	0.002
	211	0	8.644	0.004
	212	-0.001	8.653	-0.468
	213	0	9.036	0.617
18450	201	0	8.741	0
	202	-0.004	8.768	0.004
	203	-0.001	8.76	0.003
	204	0	8.802	-0.369
	205	0	9.071	0.712
	206	-0.012	8.699	0.003
	207	0.001	8.695	-0.001
	208	0	8.712	-0.726
	209	0	9.34	1.413
	210	-0.003	8.798	0.005
	211	-0.001	8.79	0.003
	212	0	8.84	-0.376
	213	0	9.096	0.716
18452	201	0	8.686	0
	202	-0.005	8.678	0.004
	203	0	8.674	0.003

	204	-0.001	8.622	-0.456
	205	0	9.004	0.604
	206	-0.01	8.715	0.004
	207	0.001	8.712	-0.001
	208	0	8.572	-0.896
	209	0	9.34	1.197
	210	-0.005	8.662	0.005
	211	0.001	8.657	0.003
	212	-0.001	8.615	-0.466
	213	0	8.993	0.607
18456	201	0	8.777	0
	202	-0.003	8.7	0.009
	203	-0.001	8.851	0.001
	204	0	8.849	-0.383
	205	0	9.095	0.711
	206	-0.011	8.483	0.013
	207	0.001	8.828	-0.002
	208	0	8.751	-0.739
	209	0	9.351	1.42
	210	-0.003	8.738	0.01
	211	-0.001	8.889	0.002
	212	0	8.896	-0.386
	213	0	9.124	0.712
18458	201	0	8.704	0.001
	202	-0.005	8.581	0.009
	203	0	8.749	0.001
	204	-0.001	8.637	-0.472
	205	0	9.011	0.603
	206	-0.01	8.494	0.011
	207	0.001	8.817	-0.001
	208	0	8.576	-0.911
	209	0	9.351	1.204
	210	-0.005	8.565	0.011
	211	0.001	8.738	0.002
	212	-0.001	8.632	-0.477
	213	0	8.999	0.605
18462	201	0	8.794	0.002
	202	-0.003	8.936	0.003
	203	-0.001	8.775	0.004
	204	0	8.857	-0.377
	205	0	9.097	0.711
	206	-0.011	8.998	0.003
	207	0.002	8.625	-0.001
	208	0	8.761	-0.735

	209	0	9.344	1.415
	210	-0.003	8.974	0.004
	211	-0.001	8.814	0.006
	212	0	8.904	-0.376
	213	0	9.128	0.714
18464	201	0	8.723	0.002
	202	-0.005	8.85	0.004
	203	0	8.665	0.004
	204	-0.001	8.672	-0.465
	205	0	9.012	0.603
	206	-0.01	9.001	0.004
	207	0.001	8.649	0
	208	0	8.632	-0.907
	209	0	9.338	1.199
	210	-0.005	8.843	0.005
	211	0.001	8.652	0.006
	212	-0.001	8.672	-0.465
	213	0	9.001	0.606
18468	201	0	8.71	0.005
	202	-0.004	8.729	0.014
	203	-0.001	8.726	0.004
	204	0	8.773	-0.349
	205	0	9.034	0.73
	206	-0.012	8.671	0.009
	207	0.001	8.667	-0.001
	208	0	8.698	-0.715
	209	0	9.311	1.425
	210	-0.003	8.759	0.017
	211	-0.001	8.755	0.008
	212	0	8.808	-0.342
	213	0	9.056	0.734
18470	201	0	8.653	0.005
	202	-0.005	8.641	0.013
	203	0	8.638	0.004
	204	-0.001	8.591	-0.432
	205	0	8.983	0.619
	206	-0.01	8.697	0.008
	207	0.001	8.692	-0.001
	208	0	8.546	-0.884
	209	-0.001	9.305	1.207
	210	-0.005	8.624	0.016
	211	0.001	8.62	0.008
	212	-0.001	8.58	-0.426
	213	0	8.98	0.623

18474	201	0	8.744	0.003
	202	-0.004	8.624	0.019
	203	-0.001	8.813	0.001
	204	0	8.802	-0.374
	205	0	9.02	0.727
	206	-0.013	8.397	0.012
	207	0.001	8.814	-0.003
	208	0	8.734	-0.734
	209	0	9.306	1.441
	210	-0.004	8.655	0.023
	211	-0.001	8.845	0.003
	212	0	8.841	-0.375
	213	0	9.041	0.729
18476	201	0	8.681	0.003
	202	-0.005	8.528	0.017
	203	0	8.724	0.001
	204	0	8.633	-0.461
	205	0	8.984	0.616
	206	-0.011	8.439	0.01
	207	0	8.811	-0.002
	208	0	8.603	-0.906
	209	0	9.306	1.22
	210	-0.005	8.506	0.021
	211	0	8.708	0.004
	212	0	8.627	-0.463
	213	0	8.977	0.617
18480	201	0	8.757	0.002
	202	-0.004	8.943	0.005
	203	-0.001	8.732	0.003
	204	0	8.796	-0.429
	205	0	9.038	0.769
	206	-0.012	9.027	0.002
	207	0.001	8.595	-0.002
	208	0	8.726	-0.814
	209	0	9.318	1.541
	210	-0.003	8.977	0.006
	211	-0.001	8.767	0.005
	212	-0.001	8.838	-0.434
	213	0	9.064	0.768
18482	201	0	8.694	0.002
	202	-0.005	8.846	0.006
	203	0	8.63	0.003
	204	0	8.632	-0.526
	205	-0.002	8.979	0.653

	206	-0.01	9.015	0.003
	207	0	8.629	-0.001
	208	0.001	8.596	-1
	209	-0.004	9.281	1.307
	210	-0.005	8.834	0.007
	211	0	8.613	0.005
	212	0	8.628	-0.534
	213	-0.002	8.972	0.652
18486	201	0	8.738	0.001
	202	0	8.766	0.003
	203	-0.001	8.761	0.001
	204	-0.001	8.747	-0.117
	205	0	8.9	0.212
	206	-0.003	8.687	0.001
	207	0	8.683	-0.001
	208	-0.001	8.646	-0.224
	209	0.001	9.053	0.42
	210	0	8.8	0.004
	211	-0.002	8.796	0.001
	212	-0.001	8.787	-0.118
	213	0	8.93	0.213
18488	201	0	8.665	0.001
	202	-0.001	8.657	0.003
	203	0	8.653	0.002
	204	0	8.561	-0.123
	205	0	8.917	0.197
	206	-0.003	8.7	0.002
	207	0	8.698	0
	208	0	8.486	-0.238
	209	0	9.185	0.391
	210	-0.001	8.639	0.004
	211	0	8.636	0.002
	212	0	8.551	-0.125
	213	0	8.906	0.198
18492	201	-0.001	8.678	0.006
	202	-0.01	8.611	0.03
	203	0.001	8.736	0.001
	204	-0.002	8.715	-0.351
	205	-0.001	8.937	0.769
	206	-0.02	8.471	0.018
	207	0.006	8.75	-0.003
	208	-0.002	8.673	-0.727
	209	-0.001	9.16	1.5
	210	-0.01	8.63	0.038

	211	0.001	8.756	0.003
	212	-0.002	8.738	-0.344
	213	-0.001	8.952	0.776
18494	201	-0.001	8.66	0.004
	202	-0.01	8.545	0.024
	203	0.002	8.695	0
	204	-0.003	8.606	-0.445
	205	0.002	8.888	0.641
	206	-0.016	8.514	0.014
	207	0.004	8.782	-0.004
	208	-0.005	8.591	-0.923
	209	0.005	9.143	1.252
	210	-0.01	8.52	0.031
	211	0.003	8.673	0.001
	212	-0.003	8.585	-0.436
	213	0.002	8.87	0.647
18498	201	-0.001	8.686	0.001
	202	-0.01	8.804	0.003
	203	0.001	8.654	0.003
	204	-0.001	8.727	-0.318
	205	-0.001	8.932	0.686
	206	-0.02	8.884	0.001
	207	0.007	8.562	-0.003
	208	-0.002	8.683	-0.651
	209	-0.001	9.146	1.343
	210	-0.01	8.826	0.005
	211	0.001	8.673	0.007
	212	-0.002	8.753	-0.314
	213	-0.001	8.946	0.69
18500	201	-0.001	8.669	0
	202	-0.01	8.78	0.002
	203	0.003	8.607	0.002
	204	-0.001	8.634	-0.406
	205	-0.001	8.898	0.57
	206	-0.016	8.931	0.001
	207	0.005	8.623	-0.004
	208	-0.001	8.63	-0.832
	209	-0.001	9.16	1.116
	210	-0.01	8.765	0.004
	211	0.003	8.585	0.005
	212	-0.001	8.62	-0.402
	213	-0.001	8.88	0.574
18504	201	-0.001	8.666	-0.001
	202	-0.011	8.68	0.002

	203	0.001	8.682	-0.002
	204	-0.002	8.712	-0.327
	205	-0.001	8.908	0.666
	206	-0.021	8.636	0.006
	207	0.006	8.635	-0.003
	208	-0.002	8.648	-0.646
	209	-0.001	9.114	1.32
	210	-0.011	8.701	0.002
	211	0.001	8.705	-0.001
	212	-0.002	8.739	-0.332
	213	-0.001	8.926	0.666
18506	201	-0.001	8.647	-0.002
	202	-0.01	8.641	0.001
	203	0.002	8.629	-0.003
	204	-0.001	8.595	-0.416
	205	-0.001	8.871	0.554
	206	-0.017	8.688	0.004
	207	0.004	8.685	-0.004
	208	-0.001	8.575	-0.825
	209	-0.001	9.139	1.098
	210	-0.011	8.621	0
	211	0.003	8.61	-0.002
	212	-0.001	8.583	-0.424
	213	-0.001	8.852	0.554
18510	201	-0.001	8.7	-0.002
	202	-0.012	8.57	0.005
	203	0.001	8.757	-0.004
	204	-0.002	8.753	-0.329
	205	-0.001	8.921	0.654
	206	-0.023	8.378	0.015
	207	0.005	8.766	-0.003
	208	-0.002	8.674	-0.646
	209	-0.001	9.119	1.325
	210	-0.012	8.595	0.003
	211	0	8.784	-0.004
	212	-0.002	8.786	-0.336
	213	-0.001	8.942	0.652
18512	201	-0.001	8.674	-0.003
	202	-0.011	8.526	0.003
	203	0.002	8.712	-0.005
	204	-0.001	8.641	-0.419
	205	-0.001	8.884	0.544
	206	-0.018	8.449	0.01
	207	0.004	8.792	-0.004

	208	-0.001	8.611	-0.826
	209	-0.001	9.145	1.102
	210	-0.011	8.506	0.001
	211	0.002	8.7	-0.005
	212	-0.001	8.633	-0.428
	213	-0.001	8.87	0.543
18516	201	-0.001	8.701	-0.002
	202	-0.011	8.873	-0.001
	203	0	8.681	-0.004
	204	-0.002	8.741	-0.313
	205	-0.001	8.917	0.667
	206	-0.02	8.953	0.001
	207	0.005	8.57	-0.004
	208	-0.002	8.676	-0.644
	209	-0.001	9.114	1.322
	210	-0.011	8.899	-0.002
	211	0	8.706	-0.003
	212	-0.002	8.773	-0.314
	213	-0.001	8.939	0.666
18518	201	-0.001	8.682	-0.004
	202	-0.01	8.82	-0.002
	203	0.002	8.629	-0.005
	204	0	8.625	-0.398
	205	-0.001	8.897	0.555
	206	-0.016	8.968	0.001
	207	0.003	8.635	-0.005
	208	0	8.597	-0.822
	209	-0.001	9.15	1.1
	210	-0.01	8.807	-0.003
	211	0.002	8.611	-0.004
	212	0	8.616	-0.399
	213	-0.001	8.885	0.554
18522	201	-0.001	8.653	-0.005
	202	-0.011	8.686	-0.004
	203	0.001	8.659	-0.007
	204	-0.002	8.69	-0.332
	205	-0.001	8.869	0.613
	206	-0.02	8.661	-0.004
	207	0.005	8.62	-0.005
	208	-0.002	8.64	-0.651
	209	0	9.075	1.219
	210	-0.01	8.703	-0.005
	211	0	8.678	-0.007
	212	-0.002	8.713	-0.335

	213	-0.001	8.878	0.611
18524	201	-0.001	8.654	-0.007
	202	-0.01	8.654	-0.006
	203	0.002	8.639	-0.008
	204	-0.002	8.601	-0.424
	205	0	8.886	0.509
	206	-0.016	8.714	-0.005
	207	0.003	8.681	-0.006
	208	-0.003	8.578	-0.834
	209	0.001	9.157	1.014
	210	-0.01	8.635	-0.006
	211	0.002	8.622	-0.009
	212	-0.002	8.589	-0.428
	213	0	8.865	0.508
18736	201	0	8.772	0.002
	202	-0.004	8.683	0.011
	203	-0.001	8.841	0.002
	204	0	8.827	-0.371
	205	0	9.109	0.746
	206	-0.013	8.478	0.02
	207	0.002	8.823	0.001
	208	0	8.735	-0.738
	209	-0.001	9.419	1.483
	210	-0.004	8.719	0.013
	211	-0.001	8.877	0.003
	212	0	8.869	-0.371
	213	0	9.136	0.748
18738	201	0	8.716	0.002
	202	-0.005	8.583	0.01
	203	0	8.754	0.002
	204	-0.001	8.649	-0.456
	205	0	9.07	0.633
	206	-0.011	8.496	0.017
	207	0.001	8.822	0.001
	208	0	8.561	-0.91
	209	-0.001	9.43	1.257
	210	-0.005	8.571	0.012
	211	0.001	8.746	0.003
	212	-0.001	8.647	-0.458
	213	0	9.072	0.634
18748	201	0	8.798	-0.004
	202	-0.008	8.994	0.002
	203	0.001	8.778	0.001
	204	0	8.842	-0.381

	205	-0.001	9.187	0.844
	206	-0.021	9.082	0.01
	207	0.003	8.617	0.008
	208	0	8.757	-0.754
	209	-0.001	9.533	1.687
	210	-0.008	9.035	0.001
	211	0	8.821	0
	212	0	8.887	-0.384
	213	-0.001	9.22	0.842
18749	201	0	8.77	-0.002
	202	-0.007	8.804	0.005
	203	0	8.799	0.003
	204	0	8.813	-0.364
	205	-0.001	9.159	0.813
	206	-0.019	8.716	0.014
	207	0.003	8.706	0.004
	208	0	8.716	-0.731
	209	-0.001	9.501	1.613
	210	-0.007	8.846	0.005
	211	0	8.839	0.003
	212	0	8.858	-0.365
	213	-0.001	9.191	0.813
18750	201	0	8.804	0
	202	-0.006	8.73	0.011
	203	0	8.87	0.003
	204	0	8.851	-0.361
	205	0	9.179	0.811
	206	-0.017	8.504	0.033
	207	0.003	8.825	0.003
	208	0	8.749	-0.731
	209	-0.001	9.513	1.611
	210	-0.006	8.774	0.012
	211	0	8.914	0.003
	212	0	8.901	-0.359
	213	-0.001	9.211	0.812
18751	201	0	8.81	0.001
	202	-0.006	8.96	0.004
	203	0	8.808	0.006
	204	0	8.863	-0.358
	205	0	9.186	0.788
	206	-0.017	9.025	0.007
	207	0.003	8.657	0.006
	208	0	8.763	-0.733
	209	-0.001	9.499	1.557

	210	-0.006	9.006	0.004
	211	0	8.853	0.007
	212	0	8.914	-0.356
	213	-0.001	9.22	0.792
18752	201	0	8.742	0.003
	202	-0.006	8.766	0.013
	203	0	8.767	0.012
	204	0	8.795	-0.35
	205	0	9.128	0.79
	206	-0.017	8.699	0.017
	207	0.002	8.697	0.008
	208	0	8.708	-0.737
	209	-0.001	9.458	1.543
	210	-0.005	8.802	0.015
	211	0	8.803	0.015
	212	0	8.834	-0.345
	213	0	9.155	0.797
18753	201	0	8.783	0.003
	202	-0.006	8.664	0.014
	203	0	8.854	0.005
	204	0	8.839	-0.361
	205	0	9.14	0.768
	206	-0.017	8.431	0.02
	207	0.002	8.841	0.003
	208	0	8.742	-0.747
	209	-0.001	9.46	1.526
	210	-0.005	8.703	0.017
	211	-0.001	8.891	0.007
	212	0	8.885	-0.358
	213	0	9.17	0.773
18754	201	0	8.793	0.002
	202	-0.005	8.979	0.004
	203	0	8.776	0.005
	204	0	8.848	-0.382
	205	0	9.147	0.761
	206	-0.015	9.065	0.004
	207	0.002	8.629	0.007
	208	0	8.748	-0.749
	209	-0.001	9.454	1.515
	210	-0.005	9.02	0.004
	211	-0.001	8.817	0.008
	212	0	8.898	-0.382
	213	0	9.18	0.763
18755	201	0	8.783	0.002

	202	-0.005	8.82	0.005
	203	-0.001	8.814	0.003
	204	0	8.827	-0.378
	205	0	9.117	0.741
	206	-0.014	8.717	0.006
	207	0.002	8.71	0.003
	208	0	8.717	-0.739
	209	-0.001	9.412	1.479
	210	-0.004	8.865	0.006
	211	-0.001	8.858	0.005
	212	0	8.879	-0.379
	213	0	9.154	0.742
18784	201	0.001	8.849	-0.032
	202	-0.009	8.713	-0.039
	203	0.009	9.03	-0.045
	204	0.003	8.856	-0.464
	205	-0.012	8.849	0.592
	206	-0.019	8.283	-0.055
	207	0.018	8.969	-0.018
	208	0.005	8.664	-0.815
	209	-0.025	8.405	1.225
	210	-0.009	8.804	-0.043
	211	0.009	9.111	-0.051
	212	0.003	8.937	-0.475
	213	-0.012	8.958	0.586
18786	201	0	9.278	0.001
	202	-0.009	9.635	0.021
	203	0.012	9.269	-0.001
	204	0	9.441	-0.379
	205	0	9.31	0.738
	206	-0.02	9.453	0.034
	207	0.023	8.686	-0.019
	208	-0.001	8.961	-0.789
	209	0.001	8.69	1.524
	210	-0.009	9.823	0.019
	211	0.012	9.474	0.002
	212	0	9.638	-0.372
	213	0	9.519	0.727
18792	201	-0.001	8.344	-0.02
	202	-0.01	8.209	-0.03
	203	0.001	8.406	-0.032
	204	-0.002	8.311	-0.49
	205	-0.001	8.612	0.615
	206	-0.018	8.074	-0.05

	207	0.005	8.444	-0.012
	208	-0.002	8.226	-0.877
	209	-0.001	8.891	1.264
	210	-0.01	8.218	-0.034
	211	0.001	8.416	-0.038
	212	-0.002	8.326	-0.501
	213	-0.001	8.615	0.611
18794	201	0.003	8.548	0.007
	202	-0.055	8.655	0.024
	203	0.032	8.541	0.004
	204	0.004	8.472	-0.41
	205	0.003	8.787	0.491
	206	-0.091	8.681	0.037
	207	0.049	8.467	-0.009
	208	0.002	8.371	-0.86
	209	0.003	8.962	1.001
	210	-0.056	8.673	0.023
	211	0.034	8.557	0.005
	212	0.004	8.488	-0.404
	213	0.003	8.806	0.484
18796	201	0.001	8.856	0.003
	202	-0.009	8.903	0.007
	203	0.012	8.902	0.003
	204	0	8.91	-0.406
	205	0	8.837	0.751
	206	-0.019	8.764	0.024
	207	0.021	8.763	0.008
	208	0	8.757	-0.756
	209	0.001	8.57	1.562
	210	-0.009	8.973	0.006
	211	0.012	8.96	-0.006
	212	0	8.983	-0.412
	213	0.001	8.91	0.741
18800	201	0.001	9.001	0.005
	202	-0.009	8.882	0
	203	0.012	9.24	0.007
	204	0.001	9.094	-0.427
	205	0.001	9.035	0.715
	206	-0.02	8.346	-0.036
	207	0.022	9.074	0.007
	208	0	8.782	-0.831
	209	0.001	8.612	1.448
	210	-0.009	9.011	0
	211	0.013	9.359	0.006

	212	0.001	9.238	-0.433
	213	0.001	9.172	0.714
18804	201	0.001	8.936	0.012
	202	-0.007	9.232	0.011
	203	0.013	8.853	0.013
	204	0.001	8.999	-0.392
	205	0.001	8.919	0.816
	206	-0.015	9.29	0.036
	207	0.023	8.532	0.015
	208	0.001	8.761	-0.804
	209	0.001	8.609	1.616
	210	-0.007	9.319	0.011
	211	0.014	8.948	0.014
	212	0.002	9.092	-0.385
	213	0.001	9.019	0.82
18820	201	0	8.579	-0.01
	202	-0.016	8.631	0.004
	203	0.117	8.516	-0.012
	204	0	8.558	-0.375
	205	-0.001	8.589	0.422
	206	-0.024	8.753	-0.005
	207	0.229	8.592	-0.019
	208	0	8.634	-0.696
	209	-0.002	8.692	0.766
	210	-0.018	8.599	0.009
	211	0.117	8.479	-0.015
	212	0	8.527	-0.385
	213	-0.001	8.552	0.425
18822	201	0.001	8.64	-0.01
	202	-0.008	8.641	0.003
	203	0.13	8.629	-0.011
	204	0	8.746	-0.336
	205	0.001	8.565	0.419
	206	-0.013	8.661	-0.008
	207	0.256	8.634	-0.02
	208	-0.001	8.852	-0.632
	209	0.003	8.531	0.751
	210	-0.009	8.636	0.008
	211	0.13	8.626	-0.011
	212	0	8.745	-0.343
	213	0.001	8.56	0.422
18878	201	0.001	9.101	0.006
	202	-0.021	9.175	0.008
	203	0.018	9.207	0.002

	204	-0.001	9.303	-0.429
	205	0.011	8.967	0.834
	206	-0.036	8.863	-0.003
	207	0.033	8.908	-0.008
	208	-0.005	9.07	-0.871
	209	0.019	8.447	1.638
	210	-0.021	9.314	0.011
	211	0.018	9.345	0.005
	212	-0.001	9.445	-0.426
	213	0.01	9.1	0.836
18880	201	0	7.471	0.002
	202	-0.014	7.882	0.026
	203	0.014	7.39	-0.001
	204	0	7.733	-0.412
	205	0.001	7.424	0.961
	206	-0.026	7.87	0.046
	207	0.032	6.908	-0.02
	208	0	7.439	-0.86
	209	0.002	7	1.983
	210	-0.014	8.026	0.025
	211	0.014	7.54	0.002
	212	0	7.886	-0.404
	213	0	7.574	0.947
18882	201	0	7.172	0.004
	202	-0.014	7.215	0.008
	203	0.012	7.218	0.004
	204	0	7.289	-0.447
	205	0.001	7.184	0.979
	206	-0.026	7.05	0.03
	207	0.027	7.064	0.01
	208	0	7.173	-0.835
	209	0.002	7.042	2.037
	210	-0.015	7.285	0.007
	211	0.012	7.282	-0.006
	212	0	7.364	-0.454
	213	0.001	7.251	0.965
18884	201	0	7.238	0.006
	202	-0.017	6.986	-0.001
	203	0.012	7.495	0.008
	204	0	7.409	-0.472
	205	0.001	7.283	0.922
	206	-0.029	6.545	-0.039
	207	0.025	7.443	0.009
	208	0	7.199	-0.921

	209	0.001	7.114	1.87
	210	-0.017	7.073	-0.001
	211	0.012	7.585	0.007
	212	0	7.524	-0.478
	213	0.001	7.372	0.921
18886	201	0	7.202	0.012
	202	-0.013	7.618	0.012
	203	0.012	7.075	0.012
	204	0	7.347	-0.435
	205	0.001	7.218	1.077
	206	-0.023	7.688	0.048
	207	0.024	6.775	0.017
	208	0	7.182	-0.893
	209	0.001	7.058	2.137
	210	-0.013	7.693	0.012
	211	0.012	7.152	0.013
	212	0	7.438	-0.427
	213	0.001	7.295	1.081
18888	201	0	7.139	0.011
	202	-0.008	7.201	0.009
	203	0.012	7.199	0.011
	204	-0.001	7.332	-0.463
	205	0.008	7.159	1.083
	206	-0.016	7.013	-0.004
	207	0.022	7.008	0.003
	208	-0.004	7.121	-0.947
	209	0.015	7	2.125
	210	-0.008	7.295	0.013
	211	0.012	7.292	0.014
	212	-0.001	7.436	-0.46
	213	0.008	7.241	1.085
18890	201	0	7.325	-0.033
	202	-0.015	7.14	-0.045
	203	0.01	7.538	-0.049
	204	0	7.372	-0.562
	205	0.001	7.422	0.727
	206	-0.028	6.642	-0.068
	207	0.025	7.432	-0.016
	208	0	7.158	-0.992
	209	0.003	7.2	1.498
	210	-0.015	7.247	-0.05
	211	0.01	7.64	-0.055
	212	0	7.478	-0.575
	213	0.001	7.538	0.722

18904	201	0	8.871	-0.001
	202	-0.007	8.68	-0.002
	203	0.002	9.117	-0.002
	204	-0.001	8.934	-0.175
	205	0	8.863	0.344
	206	-0.012	8.285	0.007
	207	0.005	9.124	-0.001
	208	-0.001	8.819	-0.333
	209	0	8.565	0.734
	210	-0.007	8.758	-0.002
	211	0.002	9.198	-0.001
	212	-0.001	9.012	-0.177
	213	0	8.945	0.335
18906	201	0	8.724	0.001
	202	-0.007	8.524	-0.001
	203	0.002	8.927	0
	204	0	8.786	-0.178
	205	-0.001	8.753	0.328
	206	-0.011	8.215	0.008
	207	0.005	8.925	0.001
	208	0	8.707	-0.34
	209	-0.001	8.63	0.697
	210	-0.007	8.581	-0.001
	211	0.002	8.988	0
	212	0	8.847	-0.18
	213	-0.001	8.811	0.32
18908	201	0	8.913	-0.015
	202	-0.019	9.176	-0.018
	203	0.026	8.832	-0.021
	204	0	8.925	-0.553
	205	0.002	8.972	1.07
	206	-0.037	9.079	-0.029
	207	0.045	8.458	-0.062
	208	0	8.572	-1.169
	209	0.001	8.677	2.052
	210	-0.018	9.28	-0.017
	211	0.027	8.94	-0.018
	212	0	9.037	-0.54
	213	0.002	9.089	1.096
18910	201	0	8.69	-0.005
	202	-0.023	8.934	-0.009
	203	0.023	8.607	-0.01
	204	0	8.804	-0.602
	205	-0.001	8.701	0.875

	206	-0.037	8.947	-0.02
	207	0.043	8.385	-0.054
	208	0	8.672	-1.287
	209	-0.001	8.565	1.663
	210	-0.024	8.993	-0.008
	211	0.024	8.667	-0.008
	212	0	8.868	-0.587
	213	-0.001	8.76	0.897
18912	201	0	8.83	-0.019
	202	-0.015	8.88	-0.018
	203	0.03	8.873	-0.02
	204	0	8.818	-0.462
	205	0.002	8.906	1.108
	206	-0.031	8.75	0.016
	207	0.052	8.739	-0.009
	208	0	8.591	-0.912
	209	0.002	8.748	2.233
	210	-0.014	8.946	-0.017
	211	0.031	8.94	-0.019
	212	0	8.889	-0.455
	213	0.003	8.979	1.111
18914	201	0	8.664	-0.008
	202	-0.02	8.698	-0.007
	203	0.024	8.692	-0.009
	204	0	8.692	-0.501
	205	0	8.72	0.86
	206	-0.032	8.599	0.022
	207	0.044	8.602	0.002
	208	0	8.543	-1.003
	209	0	8.656	1.722
	210	-0.02	8.743	-0.006
	211	0.024	8.738	-0.008
	212	0	8.748	-0.493
	213	0	8.767	0.863
18916	201	0.001	8.71	-0.028
	202	-0.013	8.539	-0.051
	203	0.038	8.89	-0.03
	204	0	8.642	-0.557
	205	0.003	8.766	1.092
	206	-0.028	8.335	-0.08
	207	0.064	8.957	-0.03
	208	0	8.514	-1.019
	209	0.003	8.717	2.3
	210	-0.012	8.564	-0.055

	211	0.039	8.922	-0.031
	212	0.001	8.668	-0.562
	213	0.004	8.796	1.07
18918	201	0	8.627	-0.016
	202	-0.018	8.499	-0.04
	203	0.027	8.751	-0.019
	204	0	8.613	-0.606
	205	0	8.655	0.846
	206	-0.03	8.329	-0.073
	207	0.049	8.766	-0.02
	208	0	8.516	-1.123
	209	0	8.597	1.772
	210	-0.019	8.529	-0.044
	211	0.028	8.785	-0.02
	212	0	8.646	-0.612
	213	0	8.686	0.83
18954	201	-0.002	1.123	-0.039
	202	-0.332	1.209	-0.032
	203	0.257	1.055	-0.034
	204	-0.002	1.12	-0.181
	205	-0.005	1.525	0.1
	206	-0.471	1.38	-0.031
	207	0.446	1.191	-0.03
	208	0.005	1.24	-0.319
	209	0.005	2.027	0.212
	210	-0.36	1.172	-0.031
	211	0.262	1.001	-0.033
	212	-0.004	1.07	-0.182
	213	-0.009	1.481	0.102
18956	201	-0.003	1.047	-0.019
	202	-0.24	1.102	-0.008
	203	0.45	1.023	-0.011
	204	0.002	1.124	-0.247
	205	-0.009	1.038	0.194
	206	-0.351	1.139	-0.007
	207	0.773	0.974	-0.007
	208	0.013	1.179	-0.467
	209	0	1.019	0.36
	210	-0.255	1.106	-0.005
	211	0.45	1.034	-0.01
	212	0.001	1.134	-0.248
	213	-0.013	1.04	0.197
18958	201	-0.004	0.781	0.018
	202	-0.188	0.867	0.025

	203	0.304	0.775	0.024
	204	0.003	0.531	-0.141
	205	-0.008	1.205	0.146
	206	-0.286	0.865	0.025
	207	0.547	0.724	0.029
	208	0.005	0.28	-0.296
	209	-0.011	1.55	0.247
	210	-0.199	0.886	0.026
	211	0.306	0.79	0.025
	212	0.003	0.542	-0.141
	213	-0.01	1.22	0.147
19344	201	-0.023	5.123	-0.006
	202	-0.243	6.754	-0.009
	203	-0.02	6.674	-0.006
	204	-0.052	7.143	-0.073
	205	-0.059	6.443	0.029
	206	-0.412	1.398	-0.01
	207	0.01	1.242	-0.005
	208	-0.046	2.157	-0.138
	209	-0.061	0.845	0.062
	210	-0.255	9.08	-0.009
	211	-0.031	9.001	-0.006
	212	-0.063	9.471	-0.074
	213	-0.07	8.76	0.029
19346	201	-0.003	5.139	0.005
	202	-0.25	6.586	0.002
	203	0.022	6.712	0.005
	204	-0.014	6.369	-0.072
	205	-0.013	7.064	0.045
	206	-0.499	1.198	0
	207	0.05	1.415	0.006
	208	-0.017	0.757	-0.146
	209	-0.019	2.127	0.082
	210	-0.249	8.866	0.002
	211	0.017	8.995	0.005
	212	-0.016	8.647	-0.072
	213	-0.015	9.35	0.045
19364	201	-0.014	5.266	-0.001
	202	-0.18	6.848	-0.008
	203	-0.001	6.808	-0.001
	204	-0.021	6.826	-0.182
	205	-0.025	6.837	0.081
	206	-0.312	1.475	-0.012
	207	0.021	1.403	0.002

	208	-0.013	1.437	-0.355
	209	-0.018	1.45	0.157
	210	-0.187	9.165	-0.009
	211	-0.005	9.125	-0.001
	212	-0.027	9.143	-0.183
	213	-0.032	9.155	0.082
19368	201	0	0.394	-0.005
	202	0.003	0.431	-0.008
	203	0	0.415	-0.006
	204	0.01	0.873	-0.097
	205	0	0.275	0.025
	206	0.006	0.373	-0.008
	207	0	0.354	-0.006
	208	0.02	1.245	-0.184
	209	0	0.138	0.054
	210	0.003	0.457	-0.008
	211	-0.001	0.44	-0.005
	212	0.009	0.903	-0.097
	213	0	0.289	0.026
19370	201	-0.024	6.63	0.002
	202	-0.257	8.709	-0.004
	203	-0.02	8.531	0.001
	204	-0.066	8.571	-0.209
	205	-0.066	8.592	0.046
	206	-0.434	2.312	-0.003
	207	0.006	1.825	0
	208	-0.073	2.025	-0.409
	209	-0.072	1.926	0.081
	210	-0.269	11.576	-0.004
	211	-0.032	11.407	0.001
	212	-0.079	11.445	-0.21
	213	-0.078	11.473	0.048
19378	201	-0.005	6.541	0.006
	202	-0.274	7.933	0.004
	203	0.014	8.247	0.006
	204	-0.006	8.138	-0.085
	205	-0.017	8.582	0.032
	206	-0.56	0.972	0.004
	207	0.037	1.476	0.005
	208	0.003	1.306	-0.173
	209	-0.023	2.262	0.054
	210	-0.267	10.754	0.005
	211	0.009	11.068	0.006
	212	-0.008	10.979	-0.085

	213	-0.019	11.394	0.033
19396	201	-0.014	6.615	0.002
	202	-0.192	8.65	-0.004
	203	-0.004	8.521	0.001
	204	-0.022	8.754	-0.224
	205	-0.025	8.597	0.05
	206	-0.336	2.058	-0.003
	207	0.014	1.817	0
	208	-0.016	2.177	-0.439
	209	-0.019	1.957	0.089
	210	-0.199	11.519	-0.003
	211	-0.007	11.388	0.002
	212	-0.028	11.618	-0.225
	213	-0.032	11.469	0.053
19400	201	0.008	5.585	0.001
	202	-0.37	7.148	0.015
	203	0.019	7.183	0.002
	204	0.032	7.366	-0.111
	205	-0.008	7.072	0.047
	206	-0.761	2.111	0.023
	207	0.01	1.671	0
	208	0	1.903	-0.213
	209	-0.045	1.677	0.086
	210	-0.364	9.444	0.016
	211	0.024	9.546	0.003
	212	0.04	9.722	-0.112
	213	-0.003	9.442	0.049
19402	201	0.016	6.724	0.001
	202	-0.289	8.603	0.014
	203	0.03	8.688	0.002
	204	0.016	8.715	-0.106
	205	0.004	8.712	0.046
	206	-0.607	2.021	0.023
	207	0.014	1.859	0.001
	208	-0.01	1.898	-0.203
	209	-0.027	1.887	0.083
	210	-0.281	11.5	0.016
	211	0.038	11.614	0.003
	212	0.024	11.645	-0.107
	213	0.009	11.639	0.047
19410	201	0.004	6.683	0.006
	202	-0.148	8.808	0.012
	203	0.024	8.66	0.006
	204	0.007	8.408	-0.059

	205	0.008	8.744	0.032
	206	-0.318	2.337	0.019
	207	0.024	1.971	0.006
	208	-0.004	1.685	-0.121
	209	-0.007	2.059	0.057
	210	-0.144	11.729	0.013
	211	0.027	11.552	0.006
	212	0.008	11.311	-0.06
	213	0.01	11.63	0.033
19428	201	0.011	6.593	0.001
	202	-0.217	8.454	0.015
	203	0.033	8.521	0.002
	204	0.014	8.704	-0.113
	205	0.007	8.528	0.048
	206	-0.461	1.899	0.024
	207	0.021	1.869	0.001
	208	-0.009	1.966	-0.217
	209	-0.013	1.941	0.088
	210	-0.21	11.283	0.017
	211	0.04	11.377	0.003
	212	0.021	11.559	-0.114
	213	0.012	11.368	0.05
19432	201	0	5.636	-0.005
	202	-0.485	7.404	0
	203	0.001	7.287	-0.005
	204	0.037	7.765	-0.062
	205	-0.028	7.197	0.019
	206	-0.97	1.858	0.006
	207	0.003	1.537	-0.006
	208	0.089	2.711	-0.117
	209	-0.059	1.413	0.043
	210	-0.484	9.867	0.001
	211	0.001	9.75	-0.005
	212	0.036	10.247	-0.063
	213	-0.029	9.652	0.02

Support Reactions for ULS Combinations:

Node	L/C	Force-X kN	Force-Y kN	Force-Z kN
88	101	0.008	21.262	0.011
	102	0.008	27.006	-0.007
	103	-0.908	6.74	-0.37
	104	0.25	35.487	0.008
	105	0.008	31.822	-1.779
	106	0.008	7.128	6.357
	107	-1.524	-14.086	-0.44
	108	0.41	27.47	0.034
	109	0.005	24.891	-2.837
	110	0.026	-15.163	10.782
	111	-1.524	-6.354	-0.551
	112	0.404	38.444	0.01
	113	0.007	34.116	-2.885
	114	0.008	-6.565	10.708
	115	-1.517	-9.171	-0.467
	116	0.406	33.001	0.015
	117	0.007	30.143	-2.854
	118	0.019	-10.208	10.768
107	101	0.008	18.182	0.003
	102	0.007	21.149	-0.006
	103	-1.739	-5.252	-0.138
	104	0.269	27.673	0.002
	105	0.006	18.48	-0.629
	106	0.011	23.056	1.355
	107	-2.788	-27.343	-0.161
	108	0.368	22.671	0.019
	109	0.003	9.124	-0.997
	110	0.018	15.892	2.282
	111	-2.835	-22.186	-0.202
	112	0.401	30.346	0.011
	113	0.005	16.082	-1.016
	114	0.016	23.404	2.272
	115	-2.767	-23.18	-0.172
	116	0.375	27.64	0.018
	117	0.005	13.599	-1.004
	118	0.018	20.735	2.281
123	101	0.019	22.469	-0.008
	102	0.019	30.142	-0.025
	103	-2.947	-8.378	-0.516
	104	0.515	41.356	0
	105	0.168	51.311	-2.143
	106	-0.01	-8.898	2.73

	107	-5.087	-51.912	-0.673
	108	0.621	32.123	0.008
	109	0.199	47.837	-3.405
	110	-0.348	-56.498	4.595
	111	-5.068	-39.163	-0.771
	112	0.712	44.899	-0.003
	113	0.241	60.814	-3.463
	114	-0.224	-42.395	4.579
	115	-5.065	-45.325	-0.695
	116	0.651	38.462	-0.007
	117	0.213	54.385	-3.433
	118	-0.276	-49.333	4.595
136	101	0.007	13.421	-0.002
	102	0.008	18.419	-0.008
	103	-0.509	8.357	-0.096
	104	0.184	23.502	-0.003
	105	0.008	11.931	-0.483
	106	0.009	38.498	1.353
	107	-0.865	-8.982	-0.109
	108	0.256	16.054	0.015
	109	-0.001	-1.575	-0.764
	110	-0.045	42.877	2.283
	111	-0.862	-1.042	-0.136
	112	0.281	23.824	0.006
	113	0.013	5.922	-0.779
	114	0.003	50.302	2.271
	115	-0.867	-5.221	-0.114
	116	0.264	19.591	0.013
	117	0.015	2.323	-0.769
	118	-0.026	46.418	2.281
152	101	0.008	17.708	-0.025
	102	0.008	22.881	-0.026
	103	-0.581	8.347	-0.419
	104	0.149	30.256	-0.018
	105	0.007	27.8	-2.305
	106	0.011	22.427	2.784
	107	-1.096	-10.678	-0.524
	108	0.248	23.238	-0.005
	109	0.003	21.197	-3.683
	110	0.013	14.497	4.769
	111	-1.046	-2.975	-0.615
	112	0.245	32.431	-0.018
	113	0.005	29.541	-3.744
	114	0.014	22.237	4.721
	115	-1.071	-6.221	-0.53

	116	0.241	28.059	-0.02
	117	0.005	25.791	-3.703
	118	0.015	18.934	4.749
167	101	0.024	9.479	0.02
	102	-0.012	12.268	0.019
	103	-0.912	-1.457	-0.46
	104	0.091	16.066	0.024
	105	-0.064	0.662	-2.912
	106	0.074	37.286	1.804
	107	-1.501	-15.806	-0.617
	108	0.209	13.301	0.017
	109	-0.058	-12.218	-4.699
	110	0.145	48.708	3.071
	111	-1.515	-11.724	-0.696
	112	0.18	17.789	0.019
	113	-0.085	-7.916	-4.765
	114	0.132	52.951	3.044
	115	-1.496	-12.956	-0.594
	116	0.231	16.021	0.016
	117	-0.049	-9.712	-4.708
	118	0.152	51.356	3.066
187	101	-0.001	22.077	-0.024
	102	0	30.584	-0.097
	103	-0.88	29.521	-0.148
	104	0.294	30.153	-0.043
	105	0	35.858	-2.13
	106	0.001	10.609	6.741
	107	-1.487	15.904	-0.228
	108	0.486	16.915	0.017
	109	-0.001	25.592	-3.227
	110	0.026	-17.252	11.85
	111	-1.481	27.066	-0.207
	112	0.478	28.27	-0.006
	113	-0.001	37.089	-3.347
	114	0.002	-5.514	11.638
	115	-1.482	21.468	-0.207
	116	0.48	22.634	0.02
	117	-0.001	31.167	-3.27
	118	0.015	-11.946	11.813
203	101	-0.001	18.865	-0.013
	102	-0.003	22.161	-0.042
	103	-1.963	25.646	-0.058
	104	0.323	21.196	-0.019
	105	-0.001	17.935	-0.757
	106	0.002	24.72	1.451

	107	-3.124	18.86	-0.086
	108	0.447	12.606	0.007
	109	-0.001	7.498	-1.139
	110	0.018	19.305	2.524
	111	-3.184	26.336	-0.079
	112	0.486	19.723	-0.004
	113	-0.001	14.555	-1.184
	114	0.012	25.718	2.488
	115	-3.105	23.878	-0.08
	116	0.453	17.399	0.008
	117	-0.001	12.183	-1.156
	118	0.016	23.706	2.519
219	101	0.013	24.617	-0.059
	102	0.014	33.381	-0.143
	103	-3.125	44.475	-0.184
	104	0.608	29.972	-0.072
	105	0.193	54.367	-2.517
	106	-0.004	-6.523	2.954
	107	-5.362	35.154	-0.276
	108	0.736	15.296	-0.002
	109	0.233	49.94	-3.798
	110	-0.273	-51.544	5.148
	111	-5.353	48.535	-0.249
	112	0.843	26.167	-0.023
	113	0.281	63.547	-3.942
	114	-0.169	-37.984	5.07
	115	-5.345	42.032	-0.26
	116	0.769	21.159	-0.004
	117	0.247	56.987	-3.858
	118	-0.211	-44.504	5.133
232	101	-0.001	14.005	-0.01
	102	-0.001	23.788	-0.03
	103	-0.539	22.789	-0.048
	104	0.221	22.737	-0.014
	105	0.001	14.907	-0.598
	106	-0.005	41.389	1.464
	107	-0.903	8.941	-0.072
	108	0.311	9.924	0.004
	109	0.001	-1.968	-0.902
	110	-0.08	39.646	2.553
	111	-0.904	19.358	-0.067
	112	0.341	19.361	-0.006
	113	0.007	6.985	-0.937
	114	-0.02	49.938	2.515
	115	-0.908	12.716	-0.067

	116	0.318	13.535	0.005
	117	0.011	1.166	-0.915
	118	-0.059	43.457	2.546
245	101	0	18.956	-0.036
	102	-0.001	27.581	-0.093
	103	-0.559	27.612	-0.193
	104	0.172	27.331	-0.035
	105	0	33.2	-2.797
	106	-0.001	25.955	3.215
	107	-1.062	15.057	-0.334
	108	0.291	14.95	-0.001
	109	-0.001	22.871	-4.276
	110	0	12.362	5.678
	111	-1.01	25.416	-0.294
	112	0.287	25.618	-0.023
	113	-0.001	34.015	-4.418
	114	-0.001	22.94	5.573
	115	-1.039	20.001	-0.306
	116	0.28	19.894	-0.006
	117	-0.002	27.941	-4.331
	118	0	17.077	5.652
257	101	-0.004	11.907	0.015
	102	-0.006	14.025	-0.058
	103	-0.516	13.808	-0.194
	104	0.053	15.355	0.011
	105	-0.008	-1.63	-3.602
	106	0.005	43.761	2.255
	107	-0.884	7.459	-0.387
	108	0.127	10.038	0.038
	109	0.024	-15.049	-5.558
	110	0.004	58.414	3.965
	111	-0.879	12.45	-0.325
	112	0.109	15.025	0.019
	113	0.008	-11.262	-5.727
	114	0.007	62.744	3.894
	115	-0.88	11.065	-0.334
	116	0.137	13.046	0.044
	117	0.023	-12.37	-5.611
	118	0.001	61.829	3.955
274	101	-0.003	20.991	0.003
	102	-0.003	28.654	-0.037
	103	-0.774	43.356	0.006
	104	0.346	22.407	-0.031
	105	-0.003	23.64	-2.719
	106	-0.003	34.843	4.077

	107	-1.338	36.747	0.046
	108	0.57	6.223	0.02
	109	-0.002	8.202	-4.215
	110	0.03	25.985	6.892
	111	-1.321	48.971	0.007
	112	0.563	16.134	-0.016
	113	-0.003	18.472	-4.345
	114	-0.002	37.101	6.868
	115	-1.333	42.164	0.034
	116	0.562	11.432	0.01
	117	-0.003	13.454	-4.24
	118	0.013	31.669	6.887
289	101	-0.006	16.789	0.002
	102	-0.007	18.622	-0.018
	103	-1.51	36.966	0.015
	104	0.293	14.62	-0.014
	105	-0.009	14.565	-0.79
	106	-0.003	21.928	1.286
	107	-2.406	41.545	0.041
	108	0.408	5.995	0.014
	109	-0.008	6.138	-1.208
	110	0.008	17.949	2.173
	111	-2.452	47.881	0.029
	112	0.443	11.557	-0.005
	113	-0.01	11.681	-1.25
	114	0.002	23.933	2.165
	115	-2.391	45.704	0.041
	116	0.412	10.407	0.014
	117	-0.01	10.212	-1.218
	118	0.003	22.171	2.173
301	101	0.006	26.278	-0.022
	102	0.006	33.747	-0.067
	103	-2.423	66.167	0.007
	104	0.608	25.49	-0.067
	105	0.188	49.238	-2.343
	106	0.006	-0.07	1.607
	107	-4.169	77.948	0.029
	108	0.739	7.744	-0.007
	109	0.229	43.554	-3.581
	110	-0.104	-33.334	2.7
	111	-4.157	88.843	0.012
	112	0.846	19.042	-0.049
	113	0.276	56.084	-3.705
	114	-0.053	-22.935	2.696
	115	-4.155	84.295	0.02

	116	0.771	14.321	-0.015
	117	0.241	50.756	-3.62
	118	-0.072	-27.299	2.703
331	101	0.003	22.382	0.003
	102	0.002	34.632	-0.006
	103	-0.721	26.504	0.012
	104	0.279	37.809	-0.005
	105	0.002	27.687	-2.248
	106	0.002	39.919	4.425
	107	-1.289	2.279	0.194
	108	0.486	23.492	0.002
	109	0.001	7.027	-3.75
	110	0.025	27.673	7.429
	111	-1.258	16.494	0.123
	112	0.469	37.577	-0.002
	113	0.001	20.649	-3.751
	114	0.002	41.594	7.407
	115	-1.28	8.128	0.172
	116	0.478	29.12	0.004
	117	0.002	12.79	-3.733
	118	0.014	33.915	7.425
344	101	0	23.683	0.004
	102	0	37.004	-0.005
	103	-0.623	43.941	-0.002
	104	0.239	33.693	0.001
	105	0	30.18	-2.188
	106	-0.001	41.384	4.507
	107	-1.123	30.564	0.023
	108	0.441	10.173	0.037
	109	0	8.461	-3.695
	110	0.018	26.369	7.485
	111	-1.092	45.589	0.004
	112	0.417	26.631	0.009
	113	0	22.86	-3.687
	114	-0.001	40.788	7.483
	115	-1.114	36.487	0.013
	116	0.432	16.494	0.032
	117	0	14.576	-3.667
	118	0.008	32.099	7.493
365	101	0.003	14.373	0
	102	0.002	23.467	-0.004
	103	-0.463	19.604	0.011
	104	0.215	25.159	-0.001
	105	0.005	31.082	-0.513
	106	-0.009	0.742	1.783

	107	-0.793	2.714	0.078
	108	0.315	14.271	0.003
	109	0.017	21.478	-0.841
	110	-0.158	-26.342	3
	111	-0.79	13.514	0.051
	112	0.339	23.94	0.002
	113	0.01	32.514	-0.846
	114	-0.062	-16.045	2.988
	115	-0.794	6.312	0.069
	116	0.321	17.992	0.004
	117	0.016	25.53	-0.838
	118	-0.125	-22.369	2.998
378	101	0	14.929	0.001
	102	-0.001	25.308	-0.001
	103	-0.413	28.978	0.005
	104	0.186	23.276	0.004
	105	0.001	32.778	-0.499
	106	-0.007	2.196	1.797
	107	-0.708	18.009	0.016
	108	0.287	6.668	0.016
	109	0.012	22.704	-0.826
	110	-0.138	-29.949	2.99
	111	-0.705	28.783	0.01
	112	0.303	17.957	0.01
	113	0.005	33.859	-0.83
	114	-0.056	-18.364	2.987
	115	-0.71	21.872	0.013
	116	0.29	10.558	0.016
	117	0.01	26.662	-0.822
	118	-0.111	-25.927	2.993
399	101	0.003	21.243	-0.01
	102	0.001	29.999	-0.005
	103	-0.445	23.422	0.004
	104	0.159	32.455	-0.004
	105	0.002	23.494	-1.584
	106	0.001	45.184	5.153
	107	-0.895	4.562	0.209
	108	0.287	20.968	-0.005
	109	0.001	6.317	-2.616
	110	0.003	47.039	8.703
	111	-0.835	16.058	0.12
	112	0.277	32.321	-0.004
	113	0.001	17.49	-2.629
	114	0.001	56.331	8.659
	115	-0.869	10.379	0.173

	116	0.275	26.257	-0.008
	117	0.001	11.718	-2.601
	118	0.003	52.137	8.687
412	101	0	21.803	-0.009
	102	-0.001	31.603	-0.003
	103	-0.385	38.058	0
	104	0.132	29.1	-0.001
	105	0	25.483	-1.561
	106	-0.001	46.894	5.251
	107	-0.778	27.955	0.014
	108	0.257	10.96	0.025
	109	-0.001	7.683	-2.608
	110	0	47.326	8.772
	111	-0.724	40.081	0.001
	112	0.241	23.981	-0.001
	113	-0.001	19.451	-2.615
	114	-0.001	57.558	8.755
	115	-0.756	33.381	-0.001
	116	0.243	16.84	0.016
	117	-0.001	13.239	-2.586
	118	0	52.631	8.774
433	101	0.003	16.446	-0.005
	102	-0.001	17.208	-0.009
	103	-0.262	11.994	0.005
	104	0.038	18.704	-0.006
	105	0.001	20.53	-0.659
	106	-0.001	20.041	1.05
	107	-0.478	2.758	0.043
	108	0.086	14.773	-0.001
	109	0.033	15.956	-1.073
	110	-0.001	17.185	1.776
	111	-0.468	7.581	0.026
	112	0.076	19.488	-0.003
	113	0.021	21.581	-1.083
	114	-0.002	21.966	1.765
	115	-0.466	7.081	0.036
	116	0.092	19.011	-0.001
	117	0.03	20.22	-1.068
	118	-0.001	21.224	1.773
443	101	0	16.511	-0.004
	102	-0.005	17.615	-0.006
	103	-0.234	22.663	0
	104	0.028	16.287	-0.002
	105	-0.002	20.686	-0.641
	106	-0.006	20.65	1.065

	107	-0.428	20.955	0.01
	108	0.07	9.877	0.007
	109	0.025	15.765	-1.054
	110	-0.006	17.843	1.782
	111	-0.418	25.951	0.005
	112	0.059	14.908	0.004
	113	0.014	21.471	-1.063
	114	-0.007	22.831	1.777
	115	-0.416	25.18	0.008
	116	0.073	14.151	0.007
	117	0.021	20.024	-1.047
	118	-0.006	21.869	1.783
462	101	0.004	10.891	0.017
	102	0.007	8.698	0.017
	103	-0.287	3.088	0.015
	104	0.063	10.736	0.017
	105	-0.061	-10.48	-3.022
	106	0.004	43.992	2.3
	107	-0.393	0.77	0.105
	108	0.083	11.221	0.012
	109	-0.104	-22.945	-5.009
	110	0.005	61.938	3.915
	111	-0.425	1.457	0.061
	112	0.089	12.732	0.016
	113	-0.113	-22.118	-5.035
	114	0.005	65.111	3.881
	115	-0.396	3.394	0.089
	116	0.087	14.068	0.016
	117	-0.087	-20.017	-4.961
	118	0.006	65.22	3.908
469	101	0	10.795	0.017
	102	0.003	8.718	0.017
	103	-0.261	14.4	0.015
	104	0.063	6.941	0.015
	105	-0.054	-10.01	-2.945
	106	-0.002	43.341	2.368
	107	-0.354	16.713	0.017
	108	0.082	5.215	0.023
	109	-0.086	-23.702	-4.93
	110	-0.003	60.93	3.992
	111	-0.383	18.505	0.014
	112	0.09	6.401	0.014
	113	-0.095	-22.334	-4.948
	114	-0.003	64.069	3.969
	115	-0.357	19.462	0.015

	116	0.085	8.012	0.023
	117	-0.073	-20.643	-4.872
	118	-0.003	64.178	3.994
482	101	0	23.234	0.006
	102	0	37.64	-0.002
	103	-0.546	37.682	0.004
	104	0.231	37.621	0.002
	105	0	31.695	-2.06
	106	-0.001	41.692	4.345
	107	-0.992	17.229	0.061
	108	0.456	17.376	0.007
	109	0	8.861	-3.564
	110	0.014	25.802	7.166
	111	-0.962	33.65	0.018
	112	0.421	33.837	0.005
	113	0	24.233	-3.523
	114	-0.001	41.278	7.183
	115	-0.984	23.285	0.055
	116	0.444	23.351	0.01
	117	0	14.905	-3.544
	118	0.006	31.818	7.178
497	101	0	14.638	0.003
	102	-0.001	25.116	0.002
	103	-0.383	25.184	0.009
	104	0.178	25.098	0.006
	105	0.001	32.677	-0.472
	106	-0.007	3.257	1.727
	107	-0.658	10.71	0.026
	108	0.29	10.858	0.005
	109	0.01	21.988	-0.797
	110	-0.11	-25.381	2.856
	111	-0.655	21.727	0.015
	112	0.3	21.605	0.008
	113	0.004	33.61	-0.795
	114	-0.047	-14.355	2.86
	115	-0.659	14.553	0.025
	116	0.292	14.639	0.007
	117	0.009	26.014	-0.795
	118	-0.092	-21.514	2.86
512	101	0	21.155	-0.008
	102	-0.001	31.081	-0.001
	103	-0.339	31.235	0.002
	104	0.123	31.159	0
	105	0	25.175	-1.481
	106	-0.001	46.12	5.051

	107	-0.688	16.449	0.053
	108	0.263	15.808	-0.004
	109	-0.001	7.037	-2.517
	110	0	46.487	8.386
	111	-0.639	28.521	0.012
	112	0.24	28.376	-0.001
	113	-0.001	18.978	-2.508
	114	-0.001	56.608	8.387
	115	-0.668	21.908	0.043
	116	0.246	21.262	-0.006
	117	-0.001	12.462	-2.502
	118	0	51.644	8.39
527	101	0	15.837	-0.002
	102	-0.004	16.827	-0.003
	103	-0.218	16.939	0.004
	104	0.025	16.701	0.001
	105	-0.002	19.731	-0.611
	106	-0.006	20.069	1.022
	107	-0.399	11.709	0.014
	108	0.064	11.76	0.002
	109	0.022	14.756	-1.019
	110	-0.006	17.715	1.7
	111	-0.39	16.665	0.008
	112	0.052	16.416	0.002
	113	0.012	20.306	-1.022
	114	-0.008	22.381	1.699
	115	-0.388	15.817	0.013
	116	0.064	15.857	0.002
	117	0.018	18.89	-1.015
	118	-0.006	21.587	1.701
543	101	0.001	9.994	0.016
	102	0.002	7.71	0.016
	103	-0.238	7.924	0.015
	104	0.074	7.748	0.016
	105	-0.037	-10.883	-2.821
	106	-0.002	41.608	2.273
	107	-0.321	8.111	0.034
	108	0.095	7.522	0.012
	109	-0.046	-23.292	-4.792
	110	-0.002	59.007	3.81
	111	-0.349	8.934	0.019
	112	0.106	8.559	0.015
	113	-0.057	-22.541	-4.784
	114	-0.003	61.791	3.794
	115	-0.325	10.663	0.034

	116	0.099	10.158	0.016
	117	-0.039	-20.628	-4.746
	118	-0.002	62.089	3.812
553	101	0	23.93	0.006
	102	0	39.08	-0.001
	103	-0.493	35.01	0.052
	104	0.233	41.067	0
	105	0	33.215	-2.01
	106	-0.001	43.201	4.336
	107	-0.904	6.972	0.17
	108	0.49	23.754	0.003
	109	0	9.276	-3.557
	110	0.012	26.524	7.148
	111	-0.873	25.068	0.153
	112	0.443	39.416	0.001
	113	0	25.469	-3.487
	114	-0.001	42.662	7.174
	115	-0.896	13.702	0.158
	116	0.475	29.581	0.006
	117	0	15.492	-3.538
	118	0.005	32.603	7.16
568	101	0	14.994	0.004
	102	-0.001	25.484	0.005
	103	-0.36	23.015	0.029
	104	0.174	26.459	0.006
	105	0.001	33.218	-0.464
	106	-0.006	3.865	1.728
	107	-0.62	4.566	0.066
	108	0.297	14.288	0.004
	109	0.008	22.184	-0.797
	110	-0.085	-26.556	2.856
	111	-0.616	16.515	0.064
	112	0.303	24.707	0.007
	113	0.004	34.073	-0.79
	114	-0.041	-13.864	2.863
	115	-0.621	8.695	0.062
	116	0.298	18.069	0.006
	117	0.007	26.313	-0.795
	118	-0.075	-22.402	2.861
583	101	0	21.893	-0.008
	102	-0.001	32.319	0
	103	-0.308	29.216	0.049
	104	0.119	34.1	0.001
	105	0	26.574	-1.452
	106	-0.001	46.927	5.05

	107	-0.627	9.013	0.168
	108	0.28	20.766	-0.005
	109	0	7.606	-2.512
	110	0	46.52	8.379
	111	-0.582	22.646	0.153
	112	0.248	33.097	-0.001
	113	0	20.22	-2.485
	114	-0.001	57.111	8.391
	115	-0.608	15.224	0.149
	116	0.26	26.08	-0.006
	117	-0.001	13.179	-2.497
	118	0	51.855	8.385
598	101	0	16.498	-0.002
	102	-0.004	17.492	-0.001
	103	-0.204	13.479	0.015
	104	0.021	18.579	0.001
	105	-0.002	20.691	-0.601
	106	-0.006	20.447	1.022
	107	-0.375	4.681	0.034
	108	0.058	14.18	0.001
	109	0.019	15.308	-1.018
	110	-0.006	17.88	1.7
	111	-0.366	9.942	0.034
	112	0.044	19.033	0.002
	113	0.01	21.369	-1.015
	114	-0.008	22.647	1.7
	115	-0.364	9.048	0.032
	116	0.055	18.334	0.001
	117	0.016	19.674	-1.014
	118	-0.006	21.875	1.702
614	101	0.001	10.543	0.016
	102	0.001	8.217	0.016
	103	-0.225	2.732	0.032
	104	0.087	10.578	0.016
	105	-0.022	-13.551	-2.757
	106	-0.002	41.643	2.271
	107	-0.301	0.221	0.079
	108	0.111	11.171	0.012
	109	-0.007	-27.395	-4.761
	110	-0.002	59.006	3.806
	111	-0.328	0.904	0.074
	112	0.126	12.735	0.016
	113	-0.02	-27.014	-4.722
	114	-0.003	61.739	3.795
	115	-0.304	2.85	0.074

	116	0.115	13.899	0.016
	117	-0.006	-24.379	-4.716
	118	-0.002	62.175	3.809
630	101	0	23.992	0.006
	102	0	39.302	0.001
	103	-0.47	42.906	-0.002
	104	0.235	37.324	0.006
	105	0	34.506	-1.987
	106	-0.001	43.414	4.224
	107	-0.885	27.854	0.007
	108	0.518	11.62	0.022
	109	0	9.798	-3.563
	110	0.009	25.372	6.935
	111	-0.847	43.255	0.002
	112	0.461	29.799	0.011
	113	0	26.52	-3.476
	114	-0.001	42.183	6.958
	115	-0.876	33.623	0.007
	116	0.501	18.228	0.019
	117	0	15.949	-3.543
	118	0.004	31.596	6.944
645	101	0	14.969	0.004
	102	-0.001	25.41	0.007
	103	-0.349	27.116	0.008
	104	0.17	24.313	0.011
	105	0.001	33.536	-0.46
	106	-0.006	4.931	1.677
	107	-0.607	16.143	0.01
	108	0.305	7.638	0.011
	109	0.007	22.348	-0.799
	110	-0.073	-22.676	2.76
	111	-0.602	26.431	0.011
	112	0.305	19.297	0.012
	113	0.003	34.369	-0.788
	114	-0.036	-12.19	2.766
	115	-0.607	19.886	0.01
	116	0.304	11.626	0.011
	117	0.006	26.465	-0.796
	118	-0.067	-18.709	2.763
660	101	0	22.022	-0.007
	102	-0.001	32.671	0.001
	103	-0.294	36.212	0.002
	104	0.116	30.954	0.003
	105	0	26.962	-1.444
	106	-0.001	46.935	4.902

	107	-0.611	24.803	0.001
	108	0.293	11.681	0.008
	109	0	7.897	-2.521
	110	0	45.903	8.102
	111	-0.563	36.811	0.002
	112	0.255	25.716	0.001
	113	0	20.651	-2.486
	114	-0.001	56.616	8.109
	115	-0.592	30.074	-0.004
	116	0.271	17.767	0
	117	0	13.538	-2.506
	118	0	51.239	8.102
675	101	0	16.542	-0.001
	102	-0.004	17.719	0.002
	103	-0.199	21.712	0.003
	104	0.018	16.617	0.005
	105	-0.003	21.079	-0.598
	106	-0.007	20.644	0.992
	107	-0.368	19.553	0.006
	108	0.053	10.559	0.004
	109	0.016	15.999	-1.021
	110	-0.006	17.969	1.642
	111	-0.36	24.598	0.007
	112	0.039	15.6	0.006
	113	0.008	21.835	-1.015
	114	-0.008	22.867	1.642
	115	-0.357	23.7	0.006
	116	0.049	14.969	0.004
	117	0.013	20.205	-1.017
	118	-0.006	21.994	1.643
691	101	0.001	10.498	0.016
	102	0.001	8.535	0.017
	103	-0.234	14.425	0.017
	104	0.098	6.231	0.016
	105	-0.03	-8.999	-2.759
	106	-0.002	40.859	2.204
	107	-0.312	16.453	0.013
	108	0.124	4.5	0.016
	109	-0.014	-20.878	-4.794
	110	-0.002	57.777	3.681
	111	-0.341	18.341	0.016
	112	0.142	5.535	0.015
	113	-0.029	-19.937	-4.745
	114	-0.003	60.515	3.668
	115	-0.315	19.148	0.016

	116	0.129	7.22	0.017
	117	-0.014	-18.116	-4.749
	118	-0.002	60.978	3.681
701	101	0	23.752	0.007
	102	0	41.192	0.008
	103	-0.469	40.923	0.039
	104	0.207	41.051	0.035
	105	0	38.421	-1.873
	106	-0.001	45.93	4.23
	107	-0.907	17.448	0.062
	108	0.463	17.705	0.014
	109	0	9.587	-3.57
	110	0.007	25.377	6.842
	111	-0.86	35.595	0.067
	112	0.409	35.802	0.036
	113	0	29.244	-3.395
	114	-0.001	44.173	6.925
	115	-0.896	23.53	0.064
	116	0.447	23.826	0.019
	117	0	15.798	-3.557
	118	0.003	31.576	6.866
716	101	0	14.714	0.005
	102	-0.001	25.134	0.014
	103	-0.347	24.856	0.025
	104	0.157	24.936	0.024
	105	0.001	33.924	-0.44
	106	-0.006	4.454	1.682
	107	-0.609	10.615	0.027
	108	0.286	10.939	0.009
	109	0.006	22.187	-0.8
	110	-0.08	-23.678	2.727
	111	-0.602	21.445	0.034
	112	0.285	21.654	0.023
	113	0.003	34.596	-0.774
	114	-0.031	-12.651	2.757
	115	-0.609	14.397	0.029
	116	0.285	14.726	0.012
	117	0.005	26.3	-0.799
	118	-0.066	-19.867	2.736
731	101	0	20.877	-0.007
	102	-0.001	30.467	0.007
	103	-0.293	30.529	0.041
	104	0.102	30.574	0.036
	105	0	25.807	-1.394
	106	-0.001	45.282	4.913

	107	-0.624	15.973	0.054
	108	0.262	15.675	0.002
	109	0	6.882	-2.526
	110	0	44.849	8.004
	111	-0.571	27.85	0.067
	112	0.226	27.834	0.033
	113	0	19.584	-2.449
	114	-0.001	55.124	8.078
	115	-0.602	21.372	0.052
	116	0.241	21.118	0.003
	117	0	12.282	-2.517
	118	0	50.034	8.021
746	101	0	15.657	-0.001
	102	-0.004	15.622	0.008
	103	-0.199	15.619	0.014
	104	0.016	15.631	0.013
	105	-0.003	18.686	-0.581
	106	-0.007	19.085	0.994
	107	-0.372	11.43	0.014
	108	0.049	11.558	0.004
	109	0.013	14.623	-1.024
	110	-0.006	17.402	1.623
	111	-0.362	15.483	0.019
	112	0.034	15.5	0.012
	113	0.007	19.759	-1.003
	114	-0.009	21.505	1.637
	115	-0.359	15.47	0.015
	116	0.044	15.587	0.005
	117	0.011	18.701	-1.023
	118	-0.006	21.194	1.627
762	101	0.001	9.468	0.016
	102	0	6.014	0.018
	103	-0.253	6.297	0.032
	104	0.091	6.271	0.029
	105	-0.047	-13.778	-2.695
	106	-0.002	39.202	2.207
	107	-0.336	7.751	0.034
	108	0.113	7.178	0.014
	109	-0.049	-23.934	-4.816
	110	-0.002	56.8	3.636
	111	-0.368	7.78	0.042
	112	0.13	7.475	0.029
	113	-0.063	-24.61	-4.702
	114	-0.003	58.893	3.651
	115	-0.34	10.231	0.037

	116	0.117	9.67	0.019
	117	-0.044	-21.553	-4.783
	118	-0.002	59.793	3.644
781	101	0	23.559	0.007
	102	0	40.262	0.003
	103	-0.487	33.125	0.061
	104	0.186	41.098	0.002
	105	0	36.591	-1.963
	106	-0.001	45.07	4.13
	107	-0.963	3.643	0.087
	108	0.425	23.409	0.003
	109	0	9.204	-3.628
	110	0.006	26.188	6.805
	111	-0.906	21.965	0.106
	112	0.373	39.257	0.002
	113	0	27.608	-3.49
	114	-0.001	43.776	6.833
	115	-0.95	9.989	0.091
	116	0.411	29.172	0.005
	117	0	15.288	-3.617
	118	0.002	32.396	6.807
796	101	0	14.849	0.004
	102	0	25.406	0.009
	103	-0.35	21.446	0.032
	104	0.147	26.284	0.01
	105	0.001	33.988	-0.458
	106	-0.006	5.349	1.639
	107	-0.621	3.65	0.033
	108	0.272	14.333	0.004
	109	0.005	22.109	-0.812
	110	-0.089	-22.024	2.709
	111	-0.612	15.237	0.046
	112	0.269	24.662	0.008
	113	0.002	34.638	-0.793
	114	-0.028	-11.329	2.716
	115	-0.62	7.259	0.036
	116	0.271	18.112	0.006
	117	0.004	26.311	-0.812
	118	-0.068	-17.937	2.708
811	101	0	21.635	-0.007
	102	-0.001	31.771	0.002
	103	-0.304	26.023	0.061
	104	0.092	33.356	0.003
	105	0	26.795	-1.446
	106	-0.001	45.575	4.787

	107	-0.66	4.893	0.078
	108	0.24	20.619	-0.005
	109	0	7.28	-2.567
	110	0	44.986	7.945
	111	-0.6	18.059	0.104
	112	0.206	32.61	0
	113	0	20.269	-2.509
	114	-0.001	55.292	7.956
	115	-0.636	10.886	0.077
	116	0.221	25.901	-0.006
	117	0	12.851	-2.558
	118	0	50.197	7.936
826	101	0	16.393	-0.001
	102	-0.004	16.572	0.004
	103	-0.2	11.499	0.017
	104	0.014	17.972	0.005
	105	-0.002	20.137	-0.6
	106	-0.007	19.502	0.969
	107	-0.378	3.33	0.016
	108	0.045	14.564	0.001
	109	0.011	15.588	-1.038
	110	-0.006	17.328	1.612
	111	-0.368	7.755	0.024
	112	0.03	18.825	0.003
	113	0.005	21.03	-1.024
	114	-0.008	21.717	1.613
	115	-0.364	7.731	0.017
	116	0.039	18.756	0.001
	117	0.009	19.737	-1.037
	118	-0.006	21.296	1.611
839	101	0.001	10.165	0.016
	102	0	6.699	0.017
	103	-0.281	0.77	0.039
	104	0.086	9.245	0.017
	105	-0.065	-12.983	-2.774
	106	-0.002	38.95	2.152
	107	-0.372	-0.569	0.045
	108	0.105	10.74	0.012
	109	-0.085	-23.37	-4.877
	110	-0.002	56.4	3.611
	111	-0.408	-1.001	0.057
	112	0.122	11.576	0.017
	113	-0.099	-24.089	-4.793
	114	-0.003	58.448	3.598
	115	-0.376	1.957	0.048

	116	0.109	13.425	0.016
	117	-0.076	-20.762	-4.844
	118	-0.002	59.48	3.607
849	101	0	23.524	0.007
	102	0	39.438	0.001
	103	-0.442	46.654	-0.002
	104	0.175	38.454	0.009
	105	0	34.715	-2.1
	106	-0.001	43.883	4.074
	107	-0.879	30.927	0.003
	108	0.408	10.951	0.026
	109	0	8.995	-3.627
	110	0.005	25.001	6.727
	111	-0.825	47.697	-0.001
	112	0.355	30.249	0.025
	113	0	26.395	-3.582
	114	-0.001	42.742	6.774
	115	-0.867	36.845	0.006
	116	0.394	17.467	0.024
	117	0	15.071	-3.625
	118	0.001	31.001	6.737
864	101	0	14.903	0.004
	102	0	25.552	0.007
	103	-0.329	28.952	0.007
	104	0.14	24.4	0.014
	105	0.001	34.007	-0.487
	106	-0.006	5.513	1.622
	107	-0.584	17.99	0.006
	108	0.265	7.118	0.012
	109	0.004	22.442	-0.812
	110	-0.079	-24.896	2.685
	111	-0.576	28.817	0.008
	112	0.261	18.892	0.017
	113	0.002	34.677	-0.813
	114	-0.025	-12.146	2.701
	115	-0.583	21.773	0.008
	116	0.264	11.064	0.012
	117	0.004	26.535	-0.813
	118	-0.062	-20.839	2.689
879	101	0	21.672	-0.008
	102	-0.001	32.264	0.001
	103	-0.277	38.417	0.002
	104	0.086	30.687	0.006
	105	0	26.496	-1.528
	106	-0.001	45.834	4.737

	107	-0.603	27.564	-0.004
	108	0.23	11.574	0.013
	109	0	7.498	-2.562
	110	0	44.531	7.877
	111	-0.547	40.1	0
	112	0.195	25.489	0.017
	113	0	20.133	-2.562
	114	-0.001	55.38	7.911
	115	-0.581	32.953	-0.005
	116	0.211	17.503	0.005
	117	0	12.986	-2.559
	118	-0.001	49.828	7.878
894	101	0	16.512	-0.002
	102	-0.004	16.889	0.002
	103	-0.189	21.932	0.002
	104	0.012	15.594	0.008
	105	-0.003	20.606	-0.633
	106	-0.007	19.726	0.959
	107	-0.357	20.655	0.002
	108	0.043	9.979	0.005
	109	0.009	15.445	-1.037
	110	-0.006	17.316	1.599
	111	-0.347	25.31	0.004
	112	0.026	14.45	0.009
	113	0.004	21.303	-1.046
	114	-0.008	21.798	1.604
	115	-0.343	24.871	0.003
	116	0.036	14.351	0.005
	117	0.007	19.773	-1.038
	118	-0.006	21.262	1.6
913	101	0.001	10.213	0.016
	102	-0.001	7.114	0.017
	103	-0.263	13.51	0.017
	104	0.085	4.737	0.017
	105	-0.063	-14.01	-2.915
	106	-0.002	38.406	2.129
	107	-0.347	16.725	0.012
	108	0.102	4.447	0.018
	109	-0.082	-25.323	-4.853
	110	-0.002	55.644	3.579
	111	-0.38	17.835	0.017
	112	0.12	4.624	0.022
	113	-0.095	-26.061	-4.876
	114	-0.003	57.566	3.577
	115	-0.351	19.458	0.016

	116	0.106	7.046	0.019
	117	-0.074	-22.584	-4.83
	118	-0.002	58.693	3.58
929	101	0	23.112	0.007
	102	0	38.578	0.001
	103	-0.394	38.998	0.003
	104	0.174	38.639	0.002
	105	0	33.592	-2.09
	106	-0.001	42.97	3.973
	107	-0.784	17.889	0.011
	108	0.428	17.121	0.006
	109	0	8.822	-3.573
	110	0.004	24.928	6.586
	111	-0.736	34.807	0.005
	112	0.367	34.17	0.004
	113	0	25.743	-3.528
	114	-0.001	41.981	6.604
	115	-0.774	23.866	0.012
	116	0.413	23.111	0.008
	117	0	14.806	-3.573
	118	0.001	30.967	6.593
944	101	0	14.617	0.004
	102	0	25.304	0.006
	103	-0.307	25.367	0.009
	104	0.139	25.304	0.008
	105	0.001	33.525	-0.483
	106	-0.006	5.81	1.578
	107	-0.547	11.049	0.008
	108	0.271	10.849	0.004
	109	0.004	21.993	-0.8
	110	-0.058	-22.443	2.623
	111	-0.539	21.97	0.009
	112	0.263	21.792	0.007
	113	0.002	34.183	-0.799
	114	-0.021	-10.905	2.627
	115	-0.546	14.844	0.009
	116	0.269	14.634	0.006
	117	0.003	26.075	-0.802
	118	-0.049	-18.532	2.625
959	101	0	21.18	-0.008
	102	-0.001	32.186	0.001
	103	-0.249	32.43	0.002
	104	0.084	32.231	0.002
	105	0	25.971	-1.515
	106	-0.001	44.952	4.61

	107	-0.54	16.29	-0.001
	108	0.24	15.832	-0.005
	109	0	6.955	-2.524
	110	0	43.36	7.7
	111	-0.49	29.499	0
	112	0.2	29.193	-0.001
	113	0	19.571	-2.52
	114	-0.001	54.118	7.699
	115	-0.52	21.783	-0.004
	116	0.22	21.307	-0.007
	117	0	12.332	-2.522
	118	0	48.517	7.697
974	101	0	15.958	-0.001
	102	-0.004	16.838	0.001
	103	-0.178	17.039	0.003
	104	0.011	16.848	0.003
	105	-0.003	20.038	-0.627
	106	-0.007	19.212	0.933
	107	-0.336	11.863	0.003
	108	0.042	11.85	0
	109	0.008	14.837	-1.022
	110	-0.006	16.747	1.561
	111	-0.326	16.828	0.004
	112	0.024	16.535	0.002
	113	0.003	20.539	-1.029
	114	-0.008	21.222	1.559
	115	-0.323	15.991	0.004
	116	0.034	15.981	0
	117	0.006	18.962	-1.024
	118	-0.006	20.568	1.561
990	101	0.001	9.672	0.016
	102	-0.001	7.049	0.017
	103	-0.24	7.264	0.017
	104	0.092	7.068	0.017
	105	-0.038	-12.806	-2.899
	106	-0.002	37.09	2.072
	107	-0.316	7.577	0.013
	108	0.109	7.191	0.012
	109	-0.042	-23.315	-4.805
	110	-0.002	54.064	3.499
	111	-0.347	8.293	0.016
	112	0.129	7.947	0.017
	113	-0.052	-23.746	-4.818
	114	-0.002	55.834	3.482
	115	-0.319	10.11	0.016

	116	0.113	9.697	0.016
	117	-0.039	-20.915	-4.785
	118	-0.002	56.964	3.498
1080	101	0	23.331	0.006
	102	0	39.753	0
	103	-0.358	44.038	-0.004
	104	0.188	38.189	0.004
	105	0	34.595	-2.087
	106	-0.001	42.964	3.903
	107	-0.724	27.676	0.003
	108	0.498	10.72	0.008
	109	0	9.055	-3.58
	110	0.002	24.839	6.537
	111	-0.676	44.025	-0.002
	112	0.417	29.9	0.009
	113	0	26.338	-3.545
	114	-0.001	41.765	6.504
	115	-0.714	33.41	0.005
	116	0.479	17.166	0.011
	117	0	14.98	-3.582
	118	0	30.817	6.529
1094	101	0	14.73	0.003
	102	0	25.294	0.005
	103	-0.288	27.506	0.005
	104	0.141	24.031	0.008
	105	0.001	33.656	-0.482
	106	-0.006	6.35	1.548
	107	-0.516	16.348	0.006
	108	0.291	7.229	0.004
	109	0.003	22.086	-0.801
	110	-0.032	-20.57	2.601
	111	-0.508	26.845	0.006
	112	0.278	18.891	0.01
	113	0.001	34.324	-0.803
	114	-0.016	-10.023	2.584
	115	-0.514	20.061	0.007
	116	0.289	11.101	0.006
	117	0.002	26.189	-0.803
	118	-0.033	-16.561	2.597
1108	101	0	21.111	-0.008
	102	-0.001	31.168	0
	103	-0.229	35.466	0.001
	104	0.089	29.094	0.001
	105	0	25.631	-1.515
	106	-0.001	44.217	4.523

	107	-0.5	24.432	-0.004
	108	0.276	10.597	-0.005
	109	0	7.31	-2.528
	110	0	43.445	7.632
	111	-0.453	36.212	-0.001
	112	0.225	23.756	0
	113	0	19.482	-2.533
	114	-0.001	53.468	7.573
	115	-0.481	29.595	-0.005
	116	0.252	16.336	-0.007
	117	0	12.768	-2.527
	118	0	48.622	7.612
1122	101	0	16.552	-0.002
	102	-0.004	16.944	0
	103	-0.168	20.961	0
	104	0.009	15.702	0.003
	105	-0.003	20.43	-0.627
	106	-0.006	19.152	0.915
	107	-0.317	19.26	0.002
	108	0.042	10.111	0
	109	0.006	15.863	-1.023
	110	-0.006	16.691	1.548
	111	-0.308	23.883	0.002
	112	0.019	14.786	0.004
	113	0.001	21.359	-1.034
	114	-0.008	21.147	1.534
	115	-0.304	23.445	0.002
	116	0.03	14.64	0
	117	0.004	20.044	-1.025
	118	-0.005	20.656	1.544
1138	101	0.001	10.296	0.016
	102	-0.002	7.156	0.017
	103	-0.236	13.17	0.017
	104	0.112	4.519	0.017
	105	-0.019	-10.711	-2.895
	106	-0.001	36.511	2.034
	107	-0.307	15.936	0.012
	108	0.128	4.254	0.012
	109	-0.005	-20.698	-4.804
	110	-0.002	53.149	3.47
	111	-0.339	17.186	0.017
	112	0.155	4.244	0.016
	113	-0.013	-20.934	-4.833
	114	-0.002	54.753	3.427
	115	-0.311	18.623	0.016

	116	0.133	6.887	0.016
	117	-0.008	-18.098	-4.784
	118	-0.001	56.141	3.461
1148	101	0	22.953	0.007
	102	0	38.657	0
	103	-0.37	38.726	0.002
	104	0.167	38.846	0.002
	105	0	32.487	-2.159
	106	-0.001	41.8	3.871
	107	-0.759	17.058	0.01
	108	0.445	17.194	0.005
	109	0	8.346	-3.563
	110	0.002	24.505	6.479
	111	-0.706	34.282	0.004
	112	0.371	34.414	0.004
	113	0	24.507	-3.581
	114	-0.001	40.787	6.466
	115	-0.747	22.99	0.012
	116	0.427	23.141	0.008
	117	0.001	14.108	-3.572
	118	0	30.331	6.483
1162	101	0	14.543	0.003
	102	0	25.228	0.005
	103	-0.291	25.207	0.007
	104	0.131	25.239	0.006
	105	0.001	33.227	-0.496
	106	-0.006	5.912	1.537
	107	-0.526	10.841	0.007
	108	0.274	10.864	0.003
	109	0.002	21.746	-0.796
	110	-0.042	-21.807	2.58
	111	-0.516	21.791	0.007
	112	0.26	21.778	0.006
	113	0.001	33.831	-0.809
	114	-0.014	-10.49	2.572
	115	-0.523	14.589	0.009
	116	0.271	14.631	0.004
	117	0.002	25.794	-0.8
	118	-0.035	-17.937	2.581
1176	101	0	20.539	-0.008
	102	-0.001	30.942	0
	103	-0.238	30.947	0.001
	104	0.078	30.985	0.001
	105	0	24.515	-1.556
	106	-0.001	43.194	4.49

	107	-0.523	15.512	-0.002
	108	0.247	15.343	-0.006
	109	0	6.601	-2.512
	110	0	42.539	7.573
	111	-0.473	28.046	-0.001
	112	0.2	28.055	-0.002
	113	0	18.353	-2.549
	114	-0.001	52.514	7.536
	115	-0.503	20.825	-0.005
	116	0.225	20.657	-0.007
	117	0	11.844	-2.515
	118	0	47.639	7.567
1190	101	0	16.019	-0.002
	102	-0.004	16.197	-0.001
	103	-0.171	16.21	0.002
	104	0.008	16.205	0.001
	105	-0.003	19.353	-0.643
	106	-0.006	18.253	0.908
	107	-0.324	11.731	0.003
	108	0.039	11.824	-0.001
	109	0.005	14.766	-1.017
	110	-0.005	16.126	1.535
	111	-0.314	16.064	0.002
	112	0.018	16.058	0.001
	113	0.001	20.074	-1.04
	114	-0.008	20.245	1.526
	115	-0.31	15.849	0.003
	116	0.028	15.98	-0.001
	117	0.003	18.831	-1.02
	118	-0.005	19.911	1.535
1209	101	0.001	9.609	0.016
	102	-0.002	6.534	0.017
	103	-0.256	6.609	0.016
	104	0.102	6.571	0.016
	105	-0.034	-13.165	-2.974
	106	-0.001	35.314	2.018
	107	-0.331	7.469	0.012
	108	0.115	7.2	0.012
	109	-0.035	-22.567	-4.779
	110	-0.002	52.204	3.441
	111	-0.366	7.664	0.016
	112	0.141	7.568	0.016
	113	-0.043	-23.573	-4.867
	114	-0.002	53.492	3.407
	115	-0.335	9.971	0.015

	116	0.12	9.687	0.016
	117	-0.034	-20.207	-4.767
	118	-0.001	55.029	3.439
1231	101	0	23.445	0.006
	102	0	38.736	0
	103	-0.396	31.663	0.02
	104	0.153	40.147	-0.003
	105	0	34.146	-2.113
	106	-0.001	43.029	3.907
	107	-0.822	4.133	0.052
	108	0.408	23.257	0.002
	109	0	8.868	-3.582
	110	0.002	26.129	6.556
	111	-0.762	20.875	0.052
	112	0.34	38.604	-0.002
	113	0	25.713	-3.558
	114	-0.001	42.19	6.527
	115	-0.809	10.434	0.053
	116	0.392	28.966	0.003
	117	0.001	14.849	-3.579
	118	0	32.016	6.543
1245	101	0	14.736	0.003
	102	0	25.348	0.005
	103	-0.298	21.814	0.016
	104	0.123	26.383	0.005
	105	0.001	33.607	-0.488
	106	-0.006	6.37	1.55
	107	-0.543	4.053	0.02
	108	0.26	14.309	0.002
	109	0.002	21.922	-0.801
	110	-0.053	-20.557	2.608
	111	-0.532	15.685	0.025
	112	0.246	24.643	0.004
	113	0.001	34.176	-0.805
	114	-0.012	-9.903	2.594
	115	-0.54	7.639	0.022
	116	0.257	18.061	0.002
	117	0.002	26.054	-0.802
	118	-0.038	-16.44	2.603
1259	101	0.001	21.045	-0.008
	102	-0.001	30.873	0
	103	-0.256	24.661	0.017
	104	0.071	32.461	0
	105	0	25.31	-1.537
	106	-0.001	43.43	4.529

	107	-0.566	5.038	0.039
	108	0.226	20.226	-0.006
	109	0	7.167	-2.53
	110	0	42.864	7.656
	111	-0.511	17.126	0.045
	112	0.183	31.815	-0.002
	113	0	19.398	-2.543
	114	-0.001	52.722	7.601
	115	-0.543	10.776	0.035
	116	0.206	25.375	-0.008
	117	0	12.614	-2.527
	118	0	47.98	7.631
1273	101	0	16.467	-0.003
	102	-0.003	16.2	0
	103	-0.175	11.363	0.008
	104	0.008	17.552	0
	105	-0.003	19.843	-0.635
	106	-0.006	18.336	0.916
	107	-0.333	3.556	0.008
	108	0.037	14.436	-0.002
	109	0.004	15.676	-1.022
	110	-0.005	16.158	1.551
	111	-0.323	7.849	0.012
	112	0.017	18.563	-0.001
	113	0	21.034	-1.036
	114	-0.007	20.264	1.539
	115	-0.318	7.976	0.009
	116	0.025	18.576	-0.002
	117	0.003	19.788	-1.023
	118	-0.005	20.102	1.547
1292	101	0.001	10.039	0.016
	102	-0.003	5.89	0.018
	103	-0.284	-0.435	0.022
	104	0.096	8.599	0.018
	105	-0.05	-13.306	-2.935
	106	-0.001	35.161	2.037
	107	-0.366	-1.352	0.029
	108	0.106	10.556	0.013
	109	-0.066	-21.702	-4.801
	110	-0.001	52.248	3.479
	111	-0.405	-2.244	0.034
	112	0.131	11.002	0.018
	113	-0.074	-23.12	-4.847
	114	-0.002	53.253	3.438
	115	-0.371	1.148	0.032

	116	0.11	13.168	0.017
	117	-0.06	-19.166	-4.778
	118	-0.001	55.175	3.468
1302	101	0	23.265	0.005
	102	0	38.399	-0.003
	103	-0.363	45.059	-0.006
	104	0.147	36.817	0.002
	105	0	35.941	-2.012
	106	0	42.974	3.894
	107	-0.755	30.497	0.002
	108	0.39	10.669	0.007
	109	0	9.242	-3.541
	110	0.001	24.938	6.456
	111	-0.699	46.118	-0.003
	112	0.326	29.002	0.007
	113	0	27.915	-3.425
	114	-0.001	42.566	6.488
	115	-0.743	36.317	0.003
	116	0.376	17.091	0.009
	117	0.001	15.468	-3.528
	118	0	31.111	6.458
1316	101	0	14.748	0.002
	102	0	25.397	0.005
	103	-0.282	28.459	0.004
	104	0.118	24.18	0.007
	105	0.001	33.986	-0.471
	106	-0.006	6.381	1.552
	107	-0.515	17.732	0.004
	108	0.253	7.057	0.003
	109	0.002	22.012	-0.793
	110	-0.047	-23.024	2.576
	111	-0.504	28.31	0.005
	112	0.239	18.695	0.009
	113	0.001	34.482	-0.779
	114	-0.011	-9.974	2.587
	115	-0.511	21.47	0.005
	116	0.25	10.932	0.004
	117	0.002	26.132	-0.792
	118	-0.035	-18.902	2.576
1330	101	0.001	20.958	-0.008
	102	0	30.613	0.001
	103	-0.237	37.023	0.001
	104	0.067	29.15	0.002
	105	0	25.991	-1.485
	106	-0.001	44.224	4.531

	107	-0.522	26.976	-0.004
	108	0.216	11.089	-0.006
	109	0	7.5	-2.502
	110	0	42.425	7.559
	111	-0.472	38.747	-0.001
	112	0.174	24.104	0
	113	0	20.253	-2.463
	114	-0.001	53.109	7.577
	115	-0.501	32.19	-0.006
	116	0.197	16.89	-0.008
	117	0	12.974	-2.492
	118	0	47.643	7.55
1344	101	0	16.539	-0.003
	102	-0.003	16.591	-0.001
	103	-0.167	21.336	0
	104	0.007	15.182	0.002
	105	-0.003	19.991	-0.618
	106	-0.006	18.475	0.918
	107	-0.317	20.187	0.001
	108	0.035	9.93	-0.001
	109	0.003	15.505	-1.012
	110	-0.005	16.049	1.533
	111	-0.308	24.628	0.001
	112	0.016	14.241	0.004
	113	0	21.069	-1.006
	114	-0.007	20.096	1.536
	115	-0.303	24.436	0.001
	116	0.024	14.37	-0.001
	117	0.002	19.779	-1.01
	118	-0.005	19.932	1.532
1360	101	0.001	10.043	0.017
	102	-0.003	6.497	0.019
	103	-0.264	13.009	0.019
	104	0.094	3.83	0.018
	105	-0.047	-14.617	-2.851
	106	-0.001	34.584	2.041
	107	-0.34	16.532	0.012
	108	0.101	4.232	0.012
	109	-0.064	-23.916	-4.737
	110	-0.001	51.538	3.436
	111	-0.377	17.402	0.018
	112	0.126	3.821	0.017
	113	-0.069	-25.301	-4.694
	114	-0.002	52.381	3.428
	115	-0.344	19.251	0.017

	116	0.105	6.775	0.016
	117	-0.058	-21.172	-4.702
	118	-0.001	54.43	3.432
1379	101	0.001	22.328	0.005
	102	0	37.929	-0.002
	103	-0.326	38.143	-0.001
	104	0.151	37.952	-0.001
	105	0	35.398	-1.992
	106	0	42.565	3.823
	107	-0.677	16.953	0.007
	108	0.411	16.726	0.004
	109	0	8.469	-3.517
	110	0.001	24.823	6.294
	111	-0.627	33.665	0.002
	112	0.34	33.392	0.001
	113	0	26.861	-3.398
	114	0	42.211	6.325
	115	-0.666	22.737	0.009
	116	0.395	22.504	0.005
	117	0.001	14.395	-3.514
	118	0	30.837	6.3
1390	101	0	14.386	0.002
	102	0	25.149	0.005
	103	-0.266	25.196	0.007
	104	0.118	25.134	0.006
	105	0.001	33.726	-0.466
	106	-0.005	6.446	1.519
	107	-0.485	10.827	0.005
	108	0.258	10.717	0.001
	109	0.002	21.66	-0.787
	110	-0.031	-20.947	2.505
	111	-0.475	21.782	0.007
	112	0.242	21.664	0.006
	113	0.001	34.144	-0.773
	114	-0.009	-9.33	2.514
	115	-0.482	14.558	0.007
	116	0.255	14.444	0.003
	117	0.002	25.722	-0.788
	118	-0.026	-17.043	2.506
1407	101	0.001	20.367	-0.008
	102	0	29.711	0.001
	103	-0.216	30.045	0.002
	104	0.067	29.729	0.001
	105	0	25.511	-1.473
	106	0	43.629	4.437

	107	-0.471	15.58	-0.004
	108	0.226	15.271	-0.006
	109	0	6.893	-2.482
	110	0	41.308	7.352
	111	-0.427	27.385	0
	112	0.18	27.038	-0.001
	113	0	19.81	-2.444
	114	-0.001	51.992	7.368
	115	-0.453	20.855	-0.006
	116	0.206	20.539	-0.008
	117	0	12.213	-2.479
	118	0	46.411	7.348
1421	101	0	15.846	-0.003
	102	-0.003	15.673	0
	103	-0.159	15.82	0.002
	104	0.007	15.655	0.001
	105	-0.003	19.134	-0.613
	106	-0.006	17.722	0.899
	107	-0.301	11.76	0.001
	108	0.036	11.787	-0.002
	109	0.003	14.892	-1.005
	110	-0.005	15.544	1.49
	111	-0.292	15.863	0.002
	112	0.016	15.759	0
	113	0	20.205	-0.999
	114	-0.007	19.373	1.492
	115	-0.288	15.868	0.001
	116	0.023	15.904	-0.003
	117	0.002	18.942	-1.006
	118	-0.004	19.262	1.49
1434	101	0.001	9.289	0.017
	102	-0.003	5.12	0.02
	103	-0.24	5.274	0.019
	104	0.1	5.198	0.019
	105	-0.019	-14.3	-2.843
	106	-0.001	32.894	1.998
	107	-0.307	7.231	0.012
	108	0.106	6.924	0.013
	109	-0.025	-22.038	-4.722
	110	-0.001	50.122	3.341
	111	-0.341	6.843	0.019
	112	0.134	6.549	0.019
	113	-0.024	-23.849	-4.683
	114	-0.001	50.419	3.332
	115	-0.311	9.665	0.016

	116	0.111	9.335	0.017
	117	-0.024	-19.756	-4.7
	118	-0.001	52.803	3.34
1444	101	0.001	22.935	0.005
	102	0	38.552	-0.001
	103	-0.303	33.864	0.019
	104	0.163	40.622	-0.004
	105	0	35.09	-2.077
	106	0	42.824	3.8
	107	-0.626	5.78	0.068
	108	0.45	23.8	0.001
	109	0	8.308	-3.556
	110	0.001	25.909	6.314
	111	-0.581	23.877	0.066
	112	0.37	39.466	-0.003
	113	0	25.844	-3.538
	114	0	42.644	6.327
	115	-0.616	12.022	0.061
	116	0.432	29.423	0.002
	117	0.001	14.247	-3.569
	118	0	31.895	6.318
1458	101	0.001	14.762	0.002
	102	0	25.579	0.006
	103	-0.255	22.859	0.017
	104	0.12	26.686	0.004
	105	0.001	34.314	-0.485
	106	-0.005	6.631	1.514
	107	-0.464	4.515	0.026
	108	0.269	14.628	0.001
	109	0.002	21.938	-0.796
	110	-0.016	-22.544	2.52
	111	-0.455	16.469	0.031
	112	0.251	25.04	0.003
	113	0.001	34.682	-0.805
	114	-0.008	-9.005	2.522
	115	-0.461	8.493	0.025
	116	0.265	18.37	0.002
	117	0.002	26.122	-0.801
	118	-0.018	-18.351	2.521
1472	101	0.001	21.311	-0.008
	102	0	31.416	0.001
	103	-0.205	27.72	0.015
	104	0.071	33.465	0
	105	0	26.855	-1.521
	106	0	44.779	4.418

	107	-0.44	7.983	0.057
	108	0.246	21.101	-0.006
	109	0	7.541	-2.507
	110	0	41.662	7.39
	111	-0.4	21.367	0.06
	112	0.194	33.012	-0.002
	113	0	20.618	-2.533
	114	0	52.702	7.384
	115	-0.423	13.853	0.044
	116	0.223	26.312	-0.008
	117	0	12.984	-2.514
	118	0	46.914	7.384
1486	101	0	16.365	-0.003
	102	-0.003	16.729	0
	103	-0.153	12.958	0.009
	104	0.007	18.018	-0.001
	105	-0.003	20.424	-0.634
	106	-0.005	18.031	0.896
	107	-0.288	5.123	0.012
	108	0.036	14.341	-0.003
	109	0.003	15.591	-1.016
	110	-0.004	15.62	1.501
	111	-0.28	9.73	0.016
	112	0.015	18.658	-0.002
	113	0	21.494	-1.038
	114	-0.006	19.537	1.498
	115	-0.276	9.528	0.011
	116	0.023	18.419	-0.003
	117	0.002	19.887	-1.021
	118	-0.004	19.473	1.5
1502	101	0.001	9.754	0.017
	102	-0.004	5.054	0.019
	103	-0.224	-0.965	0.022
	104	0.111	8.052	0.019
	105	0.009	-17.463	-2.917
	106	0	32.531	1.991
	107	-0.285	-0.779	0.035
	108	0.116	10.657	0.013
	109	0.013	-25.486	-4.749
	110	-0.001	50.192	3.362
	111	-0.318	-2.204	0.04
	112	0.147	10.864	0.019
	113	0.02	-28.733	-4.83
	114	-0.001	50.282	3.343
	115	-0.29	1.677	0.035

	116	0.121	13.233	0.017
	117	0.01	-23.104	-4.747
	118	-0.001	53.007	3.36
1518	101	0.001	23.24	0.005
	102	0	39.086	0
	103	-0.305	43.5	-0.004
	104	0.172	36.848	0.002
	105	0	35.646	-2.04
	106	0	43.096	3.824
	107	-0.634	27.631	0.003
	108	0.477	9.965	0.006
	109	0.001	8.948	-3.545
	110	0.001	25.535	6.332
	111	-0.586	43.627	-0.002
	112	0.392	28.493	0.005
	113	0	26.635	-3.496
	114	0	42.756	6.34
	115	-0.624	33.266	0.004
	116	0.458	16.316	0.008
	117	0.001	14.965	-3.548
	118	0	31.653	6.327
1532	101	0.001	14.757	0.002
	102	0	25.543	0.007
	103	-0.254	27.731	0.007
	104	0.122	24.337	0.008
	105	0.001	34.347	-0.477
	106	-0.005	6.736	1.518
	107	-0.465	16.338	0.005
	108	0.277	7.026	0.002
	109	0.001	22.052	-0.794
	110	-0.012	-19.513	2.517
	111	-0.455	26.91	0.007
	112	0.257	18.937	0.007
	113	0.001	34.766	-0.796
	114	-0.008	-8.72	2.519
	115	-0.462	20.046	0.006
	116	0.274	10.913	0.003
	117	0.001	26.234	-0.797
	118	-0.016	-15.474	2.515
1546	101	0.001	21.332	-0.008
	102	0	31.629	0.002
	103	-0.207	35.589	0.002
	104	0.074	29.682	0.002
	105	0	27.151	-1.499
	106	0	44.787	4.432

	107	-0.447	24.314	-0.004
	108	0.26	10.57	-0.006
	109	0	7.74	-2.504
	110	0	41.683	7.386
	111	-0.406	36.352	0
	112	0.205	24.193	-0.001
	113	0	20.93	-2.51
	114	0	52.589	7.378
	115	-0.43	29.499	-0.006
	116	0.236	16.449	-0.008
	117	0.001	13.301	-2.505
	118	0	46.792	7.37
1560	101	0	16.577	-0.003
	102	-0.003	17.148	0.002
	103	-0.154	20.949	0.002
	104	0.007	15.866	0.002
	105	-0.003	20.715	-0.625
	106	-0.005	18.091	0.898
	107	-0.289	18.875	0.002
	108	0.037	9.939	-0.002
	109	0.003	16.114	-1.014
	110	-0.004	15.384	1.498
	111	-0.281	23.569	0.003
	112	0.015	14.709	0.001
	113	-0.001	21.74	-1.028
	114	-0.006	19.489	1.495
	115	-0.276	23.028	0.001
	116	0.022	14.454	-0.002
	117	0.002	20.28	-1.017
	118	-0.004	19.27	1.494
1579	101	0.001	9.717	0.017
	102	-0.004	5.654	0.019
	103	-0.232	11.99	0.019
	104	0.119	2.526	0.019
	105	0.008	-13.028	-2.886
	106	0	32.471	1.997
	107	-0.294	15.723	0.013
	108	0.122	3.724	0.012
	109	0.012	-20.072	-4.758
	110	-0.001	49.617	3.357
	111	-0.328	16.335	0.019
	112	0.157	2.675	0.018
	113	0.019	-22.421	-4.803
	114	-0.001	49.898	3.339
	115	-0.298	18.32	0.017

	116	0.128	6.165	0.017
	117	0.008	-17.758	-4.746
	118	0	52.457	3.351
1589	101	0.001	23.16	0.005
	102	0	41.501	0.01
	103	-0.321	41.75	0.039
	104	0.15	41.407	0
	105	0	39.035	-1.799
	106	0	46.214	3.921
	107	-0.672	17.56	0.019
	108	0.409	17.093	0.003
	109	0	9.79	-3.462
	110	0.001	25.819	6.344
	111	-0.619	36.481	0.034
	112	0.338	36.029	0
	113	0	31.086	-3.26
	114	0	45.199	6.418
	115	-0.66	23.492	0.023
	116	0.393	23.084	0.005
	117	0.001	16.115	-3.448
	118	0	32.012	6.355
1603	101	0.001	14.438	0.003
	102	0	25.072	0.015
	103	-0.259	24.839	0.026
	104	0.114	25.222	0.01
	105	0.001	33.753	-0.431
	106	-0.005	5.972	1.559
	107	-0.478	10.749	0.011
	108	0.256	10.748	0.001
	109	0.001	21.78	-0.776
	110	-0.024	-21.064	2.525
	111	-0.468	21.619	0.022
	112	0.239	21.797	0.006
	113	0.001	34.563	-0.747
	114	-0.007	-9.876	2.552
	115	-0.474	14.437	0.014
	116	0.253	14.488	0.002
	117	0.001	25.906	-0.775
	118	-0.02	-17.235	2.529
1617	101	0.001	19.656	-0.008
	102	0	29.21	0.012
	103	-0.22	29.345	0.044
	104	0.066	29.093	0.003
	105	0	25.227	-1.373
	106	0	42.32	4.553

	107	-0.474	14.927	0.009
	108	0.224	14.644	-0.006
	109	0.001	7.099	-2.451
	110	0	41.062	7.408
	111	-0.43	26.7	0.033
	112	0.178	26.442	-0.001
	113	0	19.764	-2.372
	114	0	51.087	7.476
	115	-0.456	20.004	0.009
	116	0.204	19.732	-0.008
	117	0.001	12.39	-2.444
	118	0	46.009	7.412
1631	101	0	15.394	-0.002
	102	-0.003	14.666	0.009
	103	-0.158	14.738	0.015
	104	0.007	14.754	0.004
	105	-0.003	18.22	-0.577
	106	-0.005	16.842	0.922
	107	-0.298	11.331	0.005
	108	0.035	11.354	-0.003
	109	0.003	14.473	-0.993
	110	-0.004	14.688	1.502
	111	-0.29	14.841	0.012
	112	0.016	14.801	0.001
	113	-0.001	19.286	-0.972
	114	-0.006	18.348	1.514
	115	-0.285	15.306	0.006
	116	0.023	15.349	-0.003
	117	0.002	18.429	-0.992
	118	-0.004	18.386	1.503
1643	101	0.001	8.909	0.017
	102	-0.005	4.278	0.022
	103	-0.25	4.754	0.035
	104	0.102	4.292	0.02
	105	-0.01	-14.987	-2.686
	106	0	33.107	2.049
	107	-0.315	7.132	0.017
	108	0.106	6.672	0.013
	109	-0.018	-22.643	-4.67
	110	0	48.815	3.365
	111	-0.353	6.311	0.031
	112	0.135	5.751	0.02
	113	-0.013	-24.837	-4.565
	114	0	49.806	3.379
	115	-0.32	9.478	0.022

	116	0.111	8.987	0.018
	117	-0.018	-20.534	-4.641
	118	0	51.599	3.367
1662	101	0.001	22.827	0.006
	102	0	38.397	0.005
	103	-0.35	30.916	0.09
	104	0.134	39.839	-0.001
	105	0	33.415	-2.078
	106	0	42.863	3.918
	107	-0.734	3.272	0.052
	108	0.356	23.239	0.001
	109	0	8.295	-3.565
	110	0.001	26.037	6.452
	111	-0.676	20.48	0.102
	112	0.297	38.577	-0.002
	113	0	25.251	-3.517
	114	0	42.035	6.457
	115	-0.721	9.412	0.056
	116	0.343	28.852	0.002
	117	0.001	14.192	-3.561
	118	0.001	31.867	6.443
1676	101	0.001	14.549	0.003
	102	0	25.403	0.01
	103	-0.269	21.684	0.042
	104	0.109	26.718	0.005
	105	0.001	33.32	-0.479
	106	-0.005	5.58	1.553
	107	-0.498	4.166	0.02
	108	0.237	14.379	0.001
	109	0.001	21.805	-0.795
	110	-0.037	-20.143	2.565
	111	-0.486	15.679	0.043
	112	0.223	24.959	0.003
	113	0.001	34.019	-0.795
	114	-0.007	-10.15	2.564
	115	-0.494	7.659	0.022
	116	0.235	18.113	0.001
	117	0.001	25.917	-0.796
	118	-0.025	-16.232	2.561
1690	101	0.001	20.36	-0.008
	102	0.001	30.15	0.002
	103	-0.241	24.463	0.089
	104	0.061	31.983	0.001
	105	0.001	25.035	-1.51
	106	0	41.286	4.541

	107	-0.519	4.402	0.039
	108	0.196	20.068	-0.006
	109	0.001	7.294	-2.514
	110	0	41.043	7.532
	111	-0.471	16.934	0.096
	112	0.158	31.558	-0.003
	113	0.001	19.191	-2.513
	114	0	50.18	7.518
	115	-0.499	10.063	0.038
	116	0.179	25.098	-0.008
	117	0.001	12.655	-2.51
	118	0	45.766	7.512
1704	101	0.001	15.998	-0.003
	102	-0.002	15.566	0.004
	103	-0.163	10.586	0.022
	104	0.007	17.138	0
	105	-0.002	19.36	-0.624
	106	-0.005	16.671	0.916
	107	-0.309	3.164	0.008
	108	0.034	14.272	-0.003
	109	0.003	15.571	-1.016
	110	-0.004	14.46	1.524
	111	-0.3	7.244	0.022
	112	0.016	18.291	-0.002
	113	0	20.545	-1.024
	114	-0.006	18.185	1.519
	115	-0.295	7.411	0.009
	116	0.022	18.323	-0.004
	117	0.002	19.619	-1.016
	118	-0.004	18.287	1.52
1719	101	0.002	9.486	0.017
	102	-0.006	4.242	0.017
	103	-0.277	-1.698	0.05
	104	0.09	7.364	0.017
	105	-0.029	-13.764	-2.888
	106	0	33.435	2.039
	107	-0.347	-1.756	0.029
	108	0.093	10.216	0.013
	109	-0.049	-21.265	-4.775
	110	0	49.074	3.418
	111	-0.389	-3.272	0.053
	112	0.118	10.031	0.018
	113	-0.047	-23.409	-4.797
	114	0	50.065	3.396
	115	-0.353	0.577	0.033

	116	0.098	12.724	0.017
	117	-0.045	-18.991	-4.751
	118	0	52.012	3.41
1729	101	0.001	22.695	0.006
	102	0.001	36.882	0.003
	103	-0.321	44.276	0.001
	104	0.126	35.485	0.005
	105	0.001	30.772	-2.431
	106	0.001	41.484	4.117
	107	-0.67	29.606	0.002
	108	0.32	9.963	0.006
	109	0.001	7.222	-3.962
	110	0.001	24.782	6.843
	111	-0.618	45.657	0
	112	0.27	28.02	0.008
	113	0.001	22.676	-4.017
	114	0.001	40.883	6.854
	115	-0.658	35.339	0.004
	116	0.309	16.179	0.008
	117	0.002	12.996	-3.972
	118	0.001	30.851	6.845
1743	101	0.001	14.617	0.002
	102	0	25.498	0.007
	103	-0.257	28.238	0.008
	104	0.106	24.03	0.007
	105	0.001	33.199	-0.544
	106	-0.003	5.389	1.616
	107	-0.475	17.436	0.004
	108	0.225	6.761	0.001
	109	0.001	21.97	-0.865
	110	-0.035	-23.78	2.696
	111	-0.464	28.037	0.007
	112	0.214	18.543	0.007
	113	0.001	33.972	-0.886
	114	-0.003	-11.197	2.696
	115	-0.47	21.13	0.005
	116	0.224	10.571	0.002
	117	0.001	26.03	-0.869
	118	-0.021	-19.778	2.696
1757	101	0.001	20.596	-0.008
	102	0.001	30.387	0.001
	103	-0.221	36.813	0.002
	104	0.06	28.567	0.001
	105	0.001	24.235	-1.753
	106	0.001	42.209	4.782

	107	-0.474	26.487	-0.004
	108	0.177	10.46	-0.006
	109	0.001	6.566	-2.802
	110	0	41.923	8.005
	111	-0.431	38.582	0
	112	0.146	23.351	-0.001
	113	0.001	18.109	-2.866
	114	0	51.167	7.998
	115	-0.456	31.671	-0.006
	116	0.163	16.106	-0.008
	117	0.001	11.835	-2.807
	118	0	46.718	7.997
1771	101	0.001	16.129	-0.003
	102	-0.002	16.255	0.001
	103	-0.156	21.036	0.003
	104	0.008	14.755	0.001
	105	-0.002	19.562	-0.701
	106	-0.004	16.797	0.95
	107	-0.295	19.831	0.001
	108	0.034	9.455	-0.003
	109	0.002	15.719	-1.1
	110	-0.003	14.096	1.594
	111	-0.287	24.259	0.003
	112	0.017	13.518	0.001
	113	-0.001	20.766	-1.134
	114	-0.004	17.905	1.59
	115	-0.282	24.03	0
	116	0.024	13.749	-0.003
	117	0.002	19.828	-1.104
	118	-0.002	17.879	1.593
1789	101	0.002	9.517	0.016
	102	-0.004	5.223	0.017
	103	-0.251	12.293	0.016
	104	0.08	1.975	0.017
	105	-0.036	-16.273	-3.278
	106	0.002	33.018	2.158
	107	-0.316	16.487	0.012
	108	0.084	3.787	0.012
	109	-0.058	-24.592	-5.218
	110	0.002	48.361	3.648
	111	-0.353	16.892	0.016
	112	0.106	2.374	0.017
	113	-0.058	-27.411	-5.357
	114	0.002	49.557	3.629
	115	-0.321	19.112	0.016

	116	0.088	6.168	0.016
	117	-0.053	-22.144	-5.211
	118	0.002	51.333	3.645
1805	101	-0.008	22.252	0.012
	102	-0.01	35.857	0.023
	103	-0.407	36.321	0.036
	104	0.078	35.741	0.019
	105	-0.009	33.363	-1.053
	106	-0.011	38.129	1.729
	107	-0.889	16.892	0.016
	108	0.31	16.508	0.005
	109	-0.006	12.946	-1.691
	110	-0.005	20.447	2.82
	111	-0.807	32.745	0.033
	112	0.232	31.903	0.018
	113	-0.01	27.725	-1.725
	114	-0.01	36.004	2.844
	115	-0.874	22.665	0.021
	116	0.29	22.249	0.009
	117	-0.008	18.66	-1.695
	118	-0.007	26.429	2.824
1819	101	-0.008	14.268	0.001
	102	-0.01	25.097	0.004
	103	-0.288	25.089	0.007
	104	0.07	25.118	0.003
	105	-0.007	30.076	-0.186
	106	-0.019	16.896	0.402
	107	-0.555	10.765	0.003
	108	0.198	10.573	0
	109	-0.005	17.509	-0.297
	110	-0.057	-2.251	0.659
	111	-0.532	21.725	0.007
	112	0.175	21.637	0.003
	113	-0.007	29.276	-0.303
	114	-0.016	8.521	0.663
	115	-0.55	14.462	0.004
	116	0.191	14.264	0.001
	117	-0.008	21.515	-0.298
	118	-0.043	1.528	0.659
1833	101	-0.008	20.115	0.003
	102	-0.013	30.271	0.019
	103	-0.266	30.699	0.034
	104	0.022	30.311	0.015
	105	-0.01	27.263	-0.886
	106	-0.016	32.075	1.944

	107	-0.605	15.488	0.011
	108	0.165	14.993	-0.001
	109	-0.007	11.773	-1.421
	110	-0.013	24.866	3.198
	111	-0.539	28.049	0.03
	112	0.113	27.345	0.011
	113	-0.01	23.464	-1.45
	114	-0.017	34.265	3.215
	115	-0.581	20.692	0.013
	116	0.142	20.175	0
	117	-0.01	16.981	-1.425
	118	-0.015	29.576	3.197
1847	101	-0.006	15.51	-0.001
	102	-0.012	15.398	0.002
	103	-0.167	15.398	0.004
	104	-0.005	15.436	0.001
	105	-0.006	16.168	-0.205
	106	-0.015	17.696	0.322
	107	-0.332	11.521	0.001
	108	0.012	11.581	-0.001
	109	0.004	10.944	-0.327
	110	-0.01	16.309	0.537
	111	-0.318	15.417	0.004
	112	-0.007	15.44	0
	113	0.001	15.689	-0.334
	114	-0.016	19.887	0.537
	115	-0.314	15.519	0.001
	116	-0.002	15.629	-0.001
	117	0	14.901	-0.327
	118	-0.011	19.965	0.536
1865	101	-0.006	8.773	-0.002
	102	-0.02	4.151	0.01
	103	-0.354	4.54	0.02
	104	0.067	4.007	0.007
	105	-0.061	-9.626	-1.247
	106	-0.012	26.246	1.39
	107	-0.438	7.1	0.005
	108	0.08	6.644	-0.004
	109	-0.073	-13.937	-2.014
	110	-0.007	38.101	2.317
	111	-0.493	6.098	0.017
	112	0.097	5.574	0.005
	113	-0.082	-16.367	-2.051
	114	-0.011	38.78	2.318
	115	-0.446	9.402	0.005

	116	0.081	8.956	-0.004
	117	-0.072	-11.872	-2.015
	118	-0.009	40.884	2.313
1875	101	-0.002	22.817	0.018
	102	-0.006	40.369	0.071
	103	-0.466	35.382	0.223
	104	0.441	42.418	0.023
	105	-0.003	37.057	-2.434
	106	-0.01	46.796	4.726
	107	-0.717	4.618	0.117
	108	0.843	22.853	0.01
	109	0.001	10.323	-4.427
	110	-0.007	29.286	7.618
	111	-0.736	24.239	0.229
	112	0.782	39.687	0.017
	113	-0.003	29.531	-4.256
	114	-0.009	46.143	7.75
	115	-0.728	10.778	0.121
	116	0.839	28.455	0.015
	117	0	16.62	-4.42
	118	-0.005	35.342	7.627
1889	101	-0.003	14.71	0.002
	102	-0.008	25.151	0.025
	103	-0.373	21.635	0.083
	104	0.287	26.749	0.006
	105	-0.006	34.364	-0.458
	106	-0.011	10.39	1.861
	107	-0.508	3.708	0.041
	108	0.449	14.42	0
	109	-0.002	23.242	-0.81
	110	0.035	-17.822	3.001
	111	-0.557	15.298	0.085
	112	0.466	24.996	0.004
	113	-0.004	35.744	-0.786
	114	-0.01	-3.595	3.053
	115	-0.522	7.624	0.041
	116	0.461	18.211	0.001
	117	-0.002	27.471	-0.809
	118	0.025	-13.162	3.003
1903	101	-0.002	19.885	0
	102	-0.008	29.225	0.072
	103	-0.373	25.483	0.251
	104	0.257	31.555	0.019
	105	-0.001	23.294	-1.344
	106	-0.009	38.618	5.833

	107	-0.578	6.654	0.116
	108	0.494	20.248	-0.002
	109	0.001	5.437	-2.358
	110	-0.007	34.327	9.423
	111	-0.586	18.85	0.253
	112	0.463	31.09	0.01
	113	0	17.735	-2.298
	114	-0.01	45.053	9.581
	115	-0.582	12.213	0.115
	116	0.481	25.251	-0.002
	117	0	10.758	-2.355
	118	-0.008	39.145	9.426
1917	101	-0.009	16.06	-0.004
	102	-0.021	14.718	0.009
	103	-0.284	10.293	0.035
	104	0.046	16.612	-0.001
	105	-0.04	17.852	-0.638
	106	-0.02	15.368	0.955
	107	-0.396	4.434	0.015
	108	0.127	14.445	-0.004
	109	-0.033	14.335	-1.112
	110	-0.012	13.325	1.559
	111	-0.421	7.59	0.035
	112	0.115	18.009	-0.002
	113	-0.055	19.08	-1.086
	114	-0.021	16.752	1.579
	115	-0.412	8.752	0.014
	116	0.125	18.605	-0.005
	117	-0.037	18.45	-1.11
	118	-0.014	17.137	1.558
1932	101	0	8.638	-0.016
	102	-0.015	2.254	0.02
	103	-0.247	-4.565	0.081
	104	0.238	5.721	-0.001
	105	0.092	-19.424	-3.465
	106	-0.016	31.314	2.214
	107	-0.32	-2.536	0.029
	108	0.227	10.116	-0.013
	109	0.086	-25.821	-6.087
	110	-0.021	49.143	3.628
	111	-0.349	-5.666	0.078
	112	0.299	9.218	-0.008
	113	0.124	-30.093	-5.928
	114	-0.023	48.988	3.671
	115	-0.333	-0.388	0.025

	116	0.246	12.527	-0.018
	117	0.081	-23.536	-6.065
	118	-0.02	51.916	3.62
1951	101	0	22.281	0.018
	102	-0.002	39.928	0.027
	103	-0.487	43.994	0.025
	104	0.457	38.007	0.046
	105	0	37.128	-2.19
	106	-0.005	45.854	4.197
	107	-0.758	27.927	0.018
	108	0.861	10.215	0.013
	109	0.003	10.672	-3.941
	110	-0.004	28.391	6.795
	111	-0.775	44.072	0.028
	112	0.802	29.797	0.033
	113	0	30.028	-3.781
	114	-0.004	44.921	6.895
	115	-0.769	33.379	0.023
	116	0.859	16.292	0.018
	117	0.003	16.752	-3.928
	118	-0.002	34.4	6.809
1964	101	0	14.505	0.002
	102	-0.002	25.195	0.007
	103	-0.387	27.42	0.009
	104	0.301	23.681	0.014
	105	0	34.514	-0.411
	106	-0.007	11.291	1.657
	107	-0.536	16.81	0.005
	108	0.461	7.11	0.001
	109	0.001	23.208	-0.717
	110	0.029	-11.18	2.685
	111	-0.583	27.075	0.01
	112	0.482	18.713	0.008
	113	0.001	35.897	-0.695
	114	-0.008	-1.718	2.724
	115	-0.549	20.439	0.006
	116	0.474	10.864	0.001
	117	0.003	27.36	-0.716
	118	0.021	-7.823	2.689
1977	101	0	19.816	-0.001
	102	-0.004	29.105	0.02
	103	-0.389	33.731	0.023
	104	0.27	26.388	0.04
	105	0.002	23.811	-1.164
	106	-0.005	38.085	5.182

	107	-0.607	24.019	0.008
	108	0.506	9.582	-0.003
	109	0.003	6.116	-2.032
	110	-0.005	33.607	8.413
	111	-0.614	34.897	0.024
	112	0.477	21.203	0.02
	113	0.003	18.55	-1.972
	114	-0.006	44.198	8.531
	115	-0.61	28.859	0.008
	116	0.494	14.861	-0.003
	117	0.002	11.529	-2.024
	118	-0.004	38.423	8.422
1990	101	-0.005	16.091	-0.004
	102	-0.017	15.295	0
	103	-0.293	19.594	0.002
	104	0.05	13.487	0.003
	105	-0.036	18.149	-0.58
	106	-0.015	15.931	0.837
	107	-0.413	18.928	0
	108	0.133	9.038	-0.004
	109	-0.031	14.35	-0.997
	110	-0.007	14.022	1.374
	111	-0.437	22.917	0.003
	112	0.122	12.53	0
	113	-0.052	19.15	-0.972
	114	-0.015	17.675	1.388
	115	-0.428	22.929	0
	116	0.133	13.306	-0.005
	117	-0.033	18.518	-0.993
	118	-0.008	17.886	1.374
2005	101	0.001	8.849	-0.017
	102	-0.018	2.975	0
	103	-0.27	10.935	0
	104	0.24	-0.379	0.009
	105	0.059	-12.742	-3.164
	106	-0.01	30.873	1.913
	107	-0.347	16.305	-0.006
	108	0.231	2.669	-0.014
	109	0.051	-17.411	-5.49
	110	-0.012	48.554	3.153
	111	-0.38	16.107	-0.001
	112	0.301	0.116	0
	113	0.079	-20.344	-5.34
	114	-0.015	48.439	3.183
	115	-0.36	18.74	-0.01

	116	0.25	4.773	-0.018
	117	0.049	-15.425	-5.457
	118	-0.011	51.4	3.149
2015	101	0	21.553	0.019
	102	-0.002	36.548	0.017
	103	-0.549	36.717	0.025
	104	0.365	36.61	0.016
	105	0	34.432	-2.31
	106	-0.004	42.697	4.064
	107	-0.85	16.037	0.039
	108	0.682	16.139	0.011
	109	0.003	9.641	-3.91
	110	-0.003	27.888	6.663
	111	-0.871	32.344	0.058
	112	0.638	32.284	0.014
	113	0	27.125	-3.875
	114	-0.003	42.978	6.73
	115	-0.862	21.589	0.052
	116	0.681	21.732	0.015
	117	0.002	15.443	-3.905
	118	-0.001	33.69	6.689
2028	101	0	14.29	0.003
	102	-0.002	25.227	0.003
	103	-0.415	25.229	0.006
	104	0.265	25.275	0.002
	105	0	34.262	-0.429
	106	-0.007	11.152	1.604
	107	-0.573	10.581	0.012
	108	0.401	10.681	0
	109	0.001	22.588	-0.712
	110	0.022	-13.521	2.632
	111	-0.624	21.512	0.019
	112	0.421	21.79	0.001
	113	0.001	35.274	-0.711
	114	-0.009	-2.145	2.658
	115	-0.587	14.226	0.015
	116	0.414	14.381	0.001
	117	0.002	26.669	-0.711
	118	0.016	-9.765	2.641
2041	101	0	19.33	0
	102	-0.003	28.704	0.009
	103	-0.439	28.447	0.016
	104	0.216	28.86	0.008
	105	0.002	23.801	-1.214
	106	-0.005	37.465	5.016

	107	-0.678	14.609	0.028
	108	0.402	14.34	-0.004
	109	0.003	5.607	-2.017
	110	-0.005	32.167	8.25
	111	-0.689	25.942	0.051
	112	0.38	26.312	0.003
	113	0.003	17.982	-2.014
	114	-0.006	42.653	8.326
	115	-0.683	19.615	0.037
	116	0.394	19.308	-0.004
	117	0.002	10.795	-2.014
	118	-0.004	36.877	8.274
2054	101	-0.005	15.438	-0.004
	102	-0.017	14.729	-0.004
	103	-0.311	14.751	-0.001
	104	0.045	14.718	-0.004
	105	-0.035	17.368	-0.6
	106	-0.015	15.414	0.811
	107	-0.44	11.317	0.002
	108	0.118	11.476	-0.004
	109	-0.03	13.207	-0.987
	110	-0.007	13.719	1.35
	111	-0.466	14.817	0.005
	112	0.108	14.822	-0.005
	113	-0.053	17.952	-0.989
	114	-0.014	17.096	1.356
	115	-0.456	15.282	0.003
	116	0.118	15.495	-0.006
	117	-0.032	17.188	-0.986
	118	-0.008	17.388	1.352
2069	101	0.001	8.158	-0.016
	102	-0.022	1.924	-0.008
	103	-0.309	2.771	-0.003
	104	0.185	1.596	-0.009
	105	0.035	-15.952	-3.272
	106	-0.009	29.225	1.857
	107	-0.395	6.708	-0.001
	108	0.177	6.12	-0.014
	109	0.027	-20.543	-5.438
	110	-0.011	47.844	3.103
	111	-0.433	5.004	0.008
	112	0.232	3.36	-0.013
	113	0.046	-24.515	-5.432
	114	-0.013	47.222	3.116
	115	-0.411	8.874	-0.002

	116	0.192	8.226	-0.019
	117	0.025	-18.699	-5.417
	118	-0.01	50.537	3.105
2091	101	0	22.824	0.019
	102	-0.002	37.927	0.012
	103	-0.659	30.072	0.04
	104	0.31	39.981	0.008
	105	0	34.629	-2.371
	106	-0.004	43.244	3.984
	107	-1.011	3.554	0.096
	108	0.563	24.321	0.01
	109	0.003	10.53	-3.909
	110	-0.003	29.908	6.714
	111	-1.04	19.602	0.116
	112	0.532	39.412	0.009
	113	0	27.077	-3.941
	114	-0.003	45.228	6.648
	115	-1.027	9.462	0.103
	116	0.564	29.935	0.014
	117	0.003	16.582	-3.906
	118	-0.001	35.891	6.726
2104	101	0	14.626	0.003
	102	-0.002	25.511	0.001
	103	-0.457	21.591	0.01
	104	0.24	27.283	-0.001
	105	0	34.772	-0.438
	106	-0.007	11.91	1.573
	107	-0.63	3.578	0.032
	108	0.357	15.145	0.001
	109	0.001	22.881	-0.712
	110	0.016	-11.598	2.655
	111	-0.687	15.092	0.039
	112	0.377	25.788	-0.001
	113	0.001	35.591	-0.722
	114	-0.01	-1.353	2.627
	115	-0.646	7.03	0.034
	116	0.368	18.883	0.001
	117	0.002	27.075	-0.712
	118	0.011	-7.896	2.658
2117	101	0	19.997	0
	102	-0.003	30	0.004
	103	-0.53	22.762	0.027
	104	0.184	31.85	0.001
	105	0.002	25.063	-1.242
	106	-0.004	37.31	4.918

	107	-0.807	3.685	0.092
	108	0.333	20.46	-0.002
	109	0.004	6.482	-2.027
	110	-0.004	31.799	8.317
	111	-0.824	15.427	0.115
	112	0.318	31.767	-0.001
	113	0.003	18.816	-2.053
	114	-0.006	41.087	8.227
	115	-0.814	9.014	0.093
	116	0.327	25.288	-0.002
	117	0.003	11.849	-2.024
	118	-0.004	36.711	8.323
2130	101	-0.004	16.193	-0.004
	102	-0.016	16.004	-0.006
	103	-0.339	9.44	0.001
	104	0.041	17.643	-0.007
	105	-0.035	18.844	-0.611
	106	-0.014	16.025	0.795
	107	-0.48	1.603	0.012
	108	0.106	14.894	-0.004
	109	-0.031	13.757	-0.988
	110	-0.006	13.806	1.361
	111	-0.507	5.276	0.013
	112	0.097	19.066	-0.007
	113	-0.054	19.045	-1.005
	114	-0.014	17.186	1.339
	115	-0.496	5.538	0.01
	116	0.106	18.958	-0.005
	117	-0.031	17.943	-0.988
	118	-0.007	17.604	1.36
2145	101	0.002	8.699	-0.016
	102	-0.028	2.438	-0.013
	103	-0.371	-3.713	0.003
	104	0.144	5.981	-0.016
	105	0.012	-13.891	-3.328
	106	-0.008	29.536	1.814
	107	-0.475	-2.201	0.023
	108	0.137	9.836	-0.013
	109	0.002	-18.631	-5.44
	110	-0.01	48.352	3.123
	111	-0.521	-4.698	0.029
	112	0.18	8.913	-0.016
	113	0.014	-21.839	-5.512
	114	-0.012	47.667	3.068
	115	-0.495	-0.068	0.017

	116	0.149	12.198	-0.017
	117	0.002	-16.755	-5.422
	118	-0.009	51.035	3.117
2155	101	0	23.173	0.018
	102	-0.002	38.055	0.012
	103	-0.566	45.404	0.012
	104	0.285	35.703	0.013
	105	0	34.903	-2.244
	106	-0.004	44.784	4.061
	107	-0.869	30.037	0.016
	108	0.492	9.252	0.011
	109	0.003	10.885	-3.933
	110	-0.003	29.631	6.673
	111	-0.893	46.26	0.018
	112	0.474	27.301	0.01
	113	0	27.716	-3.866
	114	-0.003	47.002	6.695
	115	-0.883	35.895	0.022
	116	0.495	15.606	0.016
	117	0.002	17.228	-3.895
	118	-0.001	36.229	6.7
2168	101	0	14.721	0.002
	102	-0.002	25.648	0.001
	103	-0.41	29.208	0.002
	104	0.225	23.654	0.001
	105	0	34.155	-0.416
	106	-0.007	11.093	1.604
	107	-0.563	18.135	0.004
	108	0.327	6.033	0
	109	0.001	23.017	-0.718
	110	0.01	-15.69	2.638
	111	-0.615	29.037	0.005
	112	0.348	17.847	-0.001
	113	0.001	35.329	-0.709
	114	-0.009	-2.148	2.646
	115	-0.577	21.964	0.005
	116	0.338	9.868	0.001
	117	0.002	27.199	-0.711
	118	0.007	-11.396	2.648
2181	101	0	19.972	0
	102	-0.003	30.004	0.004
	103	-0.457	37.218	0.006
	104	0.171	27.846	0.004
	105	0.002	25.302	-1.188
	106	-0.004	36.984	5.013

	107	-0.696	27.024	0.007
	108	0.293	9.184	-0.004
	109	0.005	6.468	-2.046
	110	-0.005	31.567	8.265
	111	-0.711	39.235	0.011
	112	0.285	21.975	-0.003
	113	0.004	19.046	-2.025
	114	-0.005	40.738	8.285
	115	-0.702	32.291	0.007
	116	0.29	14.673	-0.005
	117	0.004	12.053	-2.028
	118	-0.004	36.43	8.291
2194	101	-0.004	16.182	-0.004
	102	-0.015	16.122	-0.006
	103	-0.303	22.25	-0.004
	104	0.039	14.661	-0.006
	105	-0.033	18.376	-0.581
	106	-0.013	16.102	0.811
	107	-0.428	21.335	0
	108	0.099	9.212	-0.005
	109	-0.027	13.846	-0.995
	110	-0.005	13.957	1.355
	111	-0.453	25.803	-0.001
	112	0.091	13.397	-0.008
	113	-0.049	18.881	-0.986
	114	-0.013	17.271	1.351
	115	-0.442	25.711	-0.001
	116	0.1	13.666	-0.006
	117	-0.028	17.988	-0.986
	118	-0.006	17.676	1.357
2206	101	0.002	8.929	-0.016
	102	-0.027	3.626	-0.013
	103	-0.332	10.835	-0.012
	104	0.112	0.181	-0.012
	105	-0.017	-16.354	-3.154
	106	-0.008	30.94	1.857
	107	-0.426	16.225	-0.007
	108	0.107	3.137	-0.015
	109	-0.028	-22.475	-5.457
	110	-0.009	48.511	3.116
	111	-0.466	15.792	-0.009
	112	0.141	0.88	-0.017
	113	-0.026	-26.08	-5.394
	114	-0.011	49.016	3.101
	115	-0.443	18.718	-0.011

	116	0.116	5.339	-0.019
	117	-0.027	-20.249	-5.394
	118	-0.008	51.296	3.118
2225	101	-0.003	20.249	0.014
	102	-0.004	31.925	0.005
	103	-0.438	32.605	0.008
	104	0.311	31.894	0.003
	105	-0.002	28.002	-2.388
	106	-0.007	39.366	3.763
	107	-0.675	15.904	0.008
	108	0.543	14.925	0.01
	109	0.003	7.511	-3.962
	110	-0.005	28.149	6.201
	111	-0.692	29.607	0.011
	112	0.521	28.461	0.003
	113	-0.002	21.231	-3.966
	114	-0.007	42.242	6.236
	115	-0.686	21.142	0.012
	116	0.545	20.193	0.013
	117	0.001	12.942	-3.95
	118	-0.004	33.579	6.213
2238	101	-0.003	13.704	0
	102	-0.006	22.862	-0.003
	103	-0.363	22.928	-0.001
	104	0.236	22.893	-0.004
	105	-0.005	31.356	-0.443
	106	-0.008	8.189	1.492
	107	-0.493	10.568	-0.001
	108	0.347	10.08	0
	109	-0.003	22.435	-0.726
	110	0.027	-14.172	2.462
	111	-0.54	20.099	-0.001
	112	0.368	19.952	-0.005
	113	-0.005	33.142	-0.73
	114	-0.004	-4.597	2.475
	115	-0.506	14.115	0
	116	0.358	13.64	-0.001
	117	-0.003	26.291	-0.724
	118	0.021	-10.502	2.465
2251	101	-0.002	18.649	-0.006
	102	-0.006	26.557	-0.006
	103	-0.358	27.699	-0.003
	104	0.185	26.345	-0.008
	105	0	20.76	-1.213
	106	-0.007	34.22	4.628

	107	-0.545	15.267	-0.006
	108	0.323	13.607	-0.005
	109	0.006	3.971	-1.993
	110	-0.008	30.22	7.657
	111	-0.556	25.886	-0.003
	112	0.313	24.052	-0.01
	113	0.004	14.642	-2.004
	114	-0.009	38.171	7.691
	115	-0.55	20.08	-0.007
	116	0.319	18.444	-0.007
	117	0.003	9.012	-1.986
	118	-0.008	34.852	7.663
2264	101	-0.008	15.46	-0.006
	102	-0.02	14.716	-0.009
	103	-0.269	15.187	-0.008
	104	0.039	14.621	-0.01
	105	-0.036	17.136	-0.616
	106	-0.019	15.262	0.752
	107	-0.376	12.201	-0.005
	108	0.103	11.25	-0.005
	109	-0.028	13.318	-1.006
	110	-0.01	13.539	1.258
	111	-0.4	15.7	-0.007
	112	0.094	14.712	-0.011
	113	-0.049	17.763	-1.014
	114	-0.018	16.426	1.258
	115	-0.39	16.274	-0.006
	116	0.103	15.242	-0.007
	117	-0.031	17.275	-1.003
	118	-0.012	17.187	1.258
2276	101	-0.001	8.378	-0.02
	102	-0.026	3.235	-0.02
	103	-0.282	3.35	-0.018
	104	0.109	3.113	-0.021
	105	0.003	-14.802	-3.346
	106	-0.016	30.509	1.716
	107	-0.362	7.212	-0.016
	108	0.104	5.952	-0.015
	109	0	-20.709	-5.517
	110	-0.019	48.655	2.887
	111	-0.395	5.445	-0.018
	112	0.137	4.408	-0.023
	113	0.006	-23.795	-5.543
	114	-0.022	48.704	2.881
	115	-0.377	9.38	-0.021

	116	0.112	8.127	-0.021
	117	-0.001	-18.676	-5.484
	118	-0.019	51.224	2.882
2289	101	0.01	21.152	-0.084
	102	0.045	37.652	-0.193
	103	-0.035	26.854	-0.229
	104	0.52	45.295	-0.239
	105	0.054	54.594	-2.841
	106	0.046	19.007	1.763
	107	-0.131	-5.284	-0.28
	108	0.817	27.24	-0.056
	109	0.038	43.173	-4.153
	110	0.009	-22.495	2.893
	111	-0.099	11.608	-0.322
	112	0.844	44.497	-0.197
	113	0.06	60.439	-4.384
	114	0.068	0.316	2.888
	115	-0.128	-0.277	-0.305
	116	0.842	33.026	-0.081
	117	0.04	48.986	-4.215
	118	0.013	-15.669	2.903
2300	101	0.005	35.884	0.027
	102	0.036	83.786	0.055
	103	-0.145	93.238	0.101
	104	0.563	78.127	0.057
	105	0.028	102.018	-2.263
	106	0.04	50.21	2.5
	107	-0.383	47.284	0.131
	108	0.885	17.111	-0.102
	109	0.011	62.332	-4.047
	110	-0.02	-29.367	4.17
	111	-0.319	90.203	0.134
	112	0.915	60.247	-0.026
	113	0.026	103.453	-3.919
	114	0.06	11.354	4.175
	115	-0.381	56.521	0.15
	116	0.911	26.276	-0.099
	117	0.012	71.568	-4.051
	118	-0.011	-20.448	4.179
2316	101	0.001	21.12	0.01
	102	0.002	33.436	0.009
	103	-0.194	42.115	0.035
	104	0.278	27.543	0.009
	105	0.003	34.941	-0.672
	106	0.009	36.538	1.268

	107	-0.289	31.038	0.049
	108	0.437	6.681	-0.028
	109	-0.002	13.688	-1.188
	110	0.08	20.593	2.183
	111	-0.303	44.606	0.049
	112	0.442	20.098	-0.012
	113	-0.001	30.508	-1.156
	114	0.03	34.576	2.162
	115	-0.291	36.573	0.055
	116	0.437	11.727	-0.027
	117	-0.001	19.18	-1.189
	118	0.051	25.965	2.179
2338	101	0.003	20.494	-0.056
	102	0	32.899	-0.203
	103	-0.281	22.11	-0.282
	104	0.389	37.484	-0.254
	105	0.002	25.632	-3.731
	106	-0.002	37.384	3.837
	107	-0.439	-1.52	-0.366
	108	0.665	22.469	-0.04
	109	0.008	5.699	-5.488
	110	-0.001	28.707	6.562
	111	-0.448	11.954	-0.418
	112	0.643	37.011	-0.189
	113	0.002	18.141	-5.784
	114	-0.002	38.984	6.48
	115	-0.445	4.006	-0.385
	116	0.67	27.813	-0.056
	117	0.006	10.732	-5.558
	118	0.001	33.339	6.545
2349	101	0	20.014	0.016
	102	-0.002	34.349	0.019
	103	-0.291	45.567	0.081
	104	0.443	28.928	0.024
	105	0	43.479	-1.847
	106	-0.005	20.481	6.573
	107	-0.435	32.331	0.197
	108	0.753	7.186	-0.073
	109	0.009	28.425	-3.248
	110	-0.005	-4.495	11.384
	111	-0.452	47.867	0.156
	112	0.73	21.625	-0.032
	113	0	43.913	-3.168
	114	-0.005	8.78	11.253
	115	-0.444	37.95	0.209

	116	0.758	12.387	-0.071
	117	0.005	34.193	-3.253
	118	-0.003	0.45	11.352
2367	101	0.003	13.953	-0.008
	102	0.001	22.691	-0.033
	103	-0.284	17.96	-0.045
	104	0.265	25.588	-0.045
	105	0.003	32.881	-0.659
	106	-0.006	8.115	1.496
	107	-0.383	2.17	-0.058
	108	0.385	14.225	-0.008
	109	0.003	23.889	-0.972
	110	0.043	-13.399	2.561
	111	-0.421	12.637	-0.067
	112	0.41	24.201	-0.035
	113	0.004	34.975	-1.024
	114	0	-4.217	2.528
	115	-0.394	5.817	-0.061
	116	0.399	17.926	-0.01
	117	0.004	27.9	-0.983
	118	0.034	-9.783	2.553
2374	101	0	13.521	0.003
	102	-0.002	24.096	-0.003
	103	-0.273	28.927	0.022
	104	0.275	21.277	-0.002
	105	0	16.537	-0.413
	106	-0.006	36.139	1.29
	107	-0.359	17.919	0.043
	108	0.4	5.504	-0.014
	109	-0.001	-5.291	-0.71
	110	0.058	29.543	2.23
	111	-0.399	28.432	0.038
	112	0.426	16.591	-0.011
	113	-0.001	6.331	-0.699
	114	0.005	40.926	2.206
	115	-0.37	21.583	0.045
	116	0.414	8.997	-0.013
	117	0	-1.52	-0.711
	118	0.047	33.22	2.223
2387	101	0.002	18.145	-0.03
	102	-0.002	24.726	-0.069
	103	-0.24	16.43	-0.129
	104	0.232	28.719	-0.106
	105	0.004	12.613	-1.841
	106	-0.003	36.182	4.627

	107	-0.362	0.507	-0.186
	108	0.397	20.221	-0.033
	109	0.013	-4.714	-2.769
	110	-0.004	35.872	7.957
	111	-0.371	9.056	-0.202
	112	0.388	29.53	-0.08
	113	0.009	3.846	-2.891
	114	-0.004	44.18	7.843
	115	-0.365	4.765	-0.189
	116	0.394	25.094	-0.043
	117	0.009	-0.253	-2.789
	118	-0.003	40.457	7.924
2392	101	0	16.241	-0.037
	102	-0.005	24.669	-0.039
	103	-0.255	32.647	0.019
	104	0.262	19.643	-0.034
	105	0	26.99	-2.659
	106	-0.006	20.386	2.591
	107	-0.376	23.933	0.079
	108	0.447	4.969	-0.112
	109	0.015	16.996	-4.609
	110	-0.007	6.038	4.576
	111	-0.389	34.375	0.059
	112	0.438	14.223	-0.09
	113	0.008	26.617	-4.522
	114	-0.008	15.534	4.498
	115	-0.381	28.216	0.074
	116	0.443	9.06	-0.111
	117	0.009	21.095	-4.616
	118	-0.007	10.049	4.545
2404	101	0	20.759	-0.072
	102	-0.011	18.478	-0.091
	103	-0.202	13.047	-0.105
	104	0.049	20.464	-0.107
	105	-0.023	18.757	-0.883
	106	-0.009	22.509	0.596
	107	-0.286	6.704	-0.106
	108	0.119	17.738	-0.056
	109	-0.015	12.954	-1.267
	110	-0.001	22.027	1.101
	111	-0.303	10.646	-0.13
	112	0.11	22.045	-0.094
	113	-0.031	18.009	-1.345
	114	-0.007	26.779	1.064
	115	-0.294	11.658	-0.121

	116	0.12	22.945	-0.074
	117	-0.017	18.233	-1.293
	118	-0.001	27.288	1.079
2409	101	-0.01	10.05	-0.034
	102	-0.019	9.246	-0.034
	103	-0.248	18.004	-0.018
	104	0.072	6.048	-0.034
	105	-0.031	-8.098	-3.622
	106	-0.016	31.751	1.758
	107	-0.343	19.032	0.02
	108	0.203	1.52	-0.147
	109	-0.037	-18.074	-6.342
	110	-0.006	41.653	3.091
	111	-0.368	22.586	0
	112	0.184	3.692	-0.112
	113	-0.048	-17.54	-6.197
	114	-0.014	45.082	3.044
	115	-0.354	22.122	0.014
	116	0.198	4.349	-0.139
	117	-0.038	-15.806	-6.338
	118	-0.008	44.481	3.069
2423	101	0.005	24.797	0.019
	102	0.028	40.499	-0.051
	103	-0.205	40.255	0.041
	104	0.386	40.756	-0.033
	105	0.015	64.369	-2.492
	106	0.026	4.614	2.305
	107	-0.547	17.547	0.103
	108	0.6	18.55	0.026
	109	0	56.06	-3.84
	110	-0.034	-45.214	3.967
	111	-0.455	35.24	0.046
	112	0.623	35.93	0.027
	113	0.01	74.635	-4.015
	114	0.034	-26.126	3.909
	115	-0.543	24.04	0.103
	116	0.619	25.04	0.034
	117	0	62.804	-3.874
	118	-0.021	-38.544	3.974
2435	101	0.001	17.119	0.01
	102	0.001	21.154	-0.014
	103	-0.23	21.286	0.013
	104	0.212	21.271	-0.009
	105	0.002	19.836	-0.734
	106	0.008	27.487	1.282

	107	-0.328	12.406	0.048
	108	0.329	12.583	0.011
	109	-0.002	8.781	-1.13
	110	0.061	23.387	2.23
	111	-0.351	19.508	0.015
	112	0.335	19.982	0.01
	113	-0.002	16.679	-1.182
	114	0.025	30.651	2.19
	115	-0.331	16.736	0.043
	116	0.33	16.999	0.014
	117	-0.001	12.972	-1.139
	118	0.039	27.548	2.23
2450	101	0	17.059	0.005
	102	-0.003	26.093	-0.052
	103	-0.363	26.268	0.013
	104	0.281	26.172	-0.04
	105	0	33.161	-2.136
	106	-0.007	16.143	6.595
	107	-0.518	11.985	0.201
	108	0.488	12.475	0.012
	109	0.005	23.863	-3.29
	110	-0.005	-2.035	11.58
	111	-0.548	23.836	0.019
	112	0.469	23.6	0.006
	113	0	34.763	-3.441
	114	-0.006	7.916	11.339
	115	-0.531	16.464	0.158
	116	0.49	16.871	0.016
	117	0.003	28.465	-3.317
	118	-0.003	2.245	11.561
2463	101	0	12.791	0.001
	102	-0.002	23.335	-0.013
	103	-0.306	23.69	0.001
	104	0.202	23.388	-0.01
	105	-0.001	11.779	-0.496
	106	-0.006	35.295	1.298
	107	-0.394	10.056	0.038
	108	0.295	9.442	0.002
	109	-0.002	-6.968	-0.764
	110	0.039	32.547	2.275
	111	-0.442	20.451	0.002
	112	0.313	20.379	0
	113	-0.002	2.225	-0.799
	114	0.001	41.898	2.229
	115	-0.407	13.347	0.029

	116	0.305	12.756	0.003
	117	-0.001	-3.619	-0.77
	118	0.031	35.885	2.271
2473	101	0	14.215	-0.061
	102	-0.006	21.196	-0.085
	103	-0.325	20.757	-0.058
	104	0.167	20.888	-0.078
	105	0.001	25.219	-3.594
	106	-0.008	18.194	2.602
	107	-0.462	10.177	0.026
	108	0.295	10.378	-0.043
	109	0.01	16.78	-5.604
	110	-0.01	2.584	4.634
	111	-0.484	18.917	-0.056
	112	0.286	18.806	-0.06
	113	0.006	25.965	-5.835
	114	-0.01	12.404	4.522
	115	-0.47	13.836	-0.012
	116	0.292	14.047	-0.058
	117	0.006	20.398	-5.637
	118	-0.009	6.282	4.607
2484	101	0.004	27.23	0.024
	102	0.019	60.481	0.044
	103	-0.292	49.602	0.003
	104	0.272	67.937	0.059
	105	0.002	82.246	-2.602
	106	0.017	23.817	2.066
	107	-0.8	-1.027	-0.222
	108	0.423	33.199	0.031
	109	-0.01	60.665	-4.258
	110	-0.053	-44.25	3.405
	111	-0.66	31.923	-0.129
	112	0.439	63.969	0.06
	113	-0.005	88.771	-4.266
	114	0.02	-12.519	3.415
	115	-0.794	6.364	-0.214
	116	0.436	40.642	0.04
	117	-0.011	67.9	-4.269
	118	-0.036	-37.413	3.414
2495	101	0.001	18.035	0.011
	102	0	24.831	0.009
	103	-0.293	16.859	-0.001
	104	0.165	29.966	0.014
	105	0	24.828	-0.771
	106	0.006	31.794	1.214

	107	-0.41	0.001	-0.057
	108	0.257	20.774	0.01
	109	-0.002	8.647	-1.256
	110	0.048	24.538	2.046
	111	-0.443	10.294	-0.036
	112	0.261	30.554	0.016
	113	-0.003	20.018	-1.261
	114	0.02	33.924	2.037
	115	-0.414	4.118	-0.056
	116	0.257	25.57	0.014
	117	-0.001	13.136	-1.258
	118	0.031	28.859	2.045
2509	101	0	17.801	-0.032
	102	-0.005	27.782	-0.035
	103	-0.513	15.345	-0.065
	104	0.175	34.897	-0.026
	105	0	35.846	-2.528
	106	-0.01	17.26	6.338
	107	-0.705	-2.523	-0.199
	108	0.315	23.278	-0.019
	109	0.003	25.042	-4.077
	110	-0.007	-0.208	10.806
	111	-0.757	7.102	-0.151
	112	0.298	35.64	-0.02
	113	0	37.059	-4.107
	114	-0.009	9.228	10.718
	115	-0.724	1.478	-0.21
	116	0.316	28.153	-0.025
	117	0.002	29.922	-4.095
	118	-0.004	4.083	10.774
2521	101	0	13.131	0.003
	102	-0.001	23.494	-0.005
	103	-0.38	18.444	-0.013
	104	0.152	27.758	-0.003
	105	-0.002	11.483	-0.782
	106	-0.006	36.161	1.797
	107	-0.479	0.272	-0.049
	108	0.222	14.792	0.002
	109	-0.005	-8.624	-1.262
	110	0.028	33.361	3.046
	111	-0.543	11.127	-0.036
	112	0.236	25.956	0.001
	113	-0.005	1.18	-1.272
	114	-0.002	42.853	3.027
	115	-0.495	3.828	-0.048

	116	0.23	18.393	0.003
	117	-0.004	-5.166	-1.265
	118	0.022	36.743	3.039
2531	101	-0.001	14.841	-0.019
	102	-0.009	21.53	-0.018
	103	-0.467	10.598	-0.038
	104	0.105	27.277	-0.014
	105	0.001	26.614	-3.732
	106	-0.014	17.763	3.63
	107	-0.642	-2.738	-0.256
	108	0.195	18.837	-0.013
	109	0.006	19.59	-6.129
	110	-0.017	3.505	6.221
	111	-0.683	3.53	-0.153
	112	0.185	28.269	-0.012
	113	0.005	28.249	-6.143
	114	-0.018	13.037	6.161
	115	-0.656	0.631	-0.224
	116	0.192	22.836	-0.017
	117	0.005	23.299	-6.124
	118	-0.015	7.305	6.198
2548	101	0.002	25.692	0.032
	102	0.004	47.874	0.059
	103	-0.267	58.672	0.057
	104	0.166	39.577	0.057
	105	-0.02	69.528	-2.402
	106	0.009	10.607	2.571
	107	-0.728	40.479	0.122
	108	0.265	4.991	0.071
	109	-0.028	57.843	-4.148
	110	-0.053	-45.369	4.211
	111	-0.602	59.729	0.088
	112	0.272	26.892	0.047
	113	-0.031	79.902	-4.108
	114	0.012	-22.059	4.214
	115	-0.723	47.191	0.133
	116	0.273	11.404	0.064
	117	-0.028	64.411	-4.143
	118	-0.036	-38.023	4.226
2559	101	0.001	17.744	0.013
	102	-0.002	22.561	0.02
	103	-0.267	32.572	0.018
	104	0.117	16.444	0.018
	105	-0.002	21.985	-0.709
	106	0.003	29.644	1.414

	107	-0.371	27.154	0.055
	108	0.195	4.499	0.027
	109	-0.002	8.312	-1.221
	110	0.038	24.418	2.337
	111	-0.402	36.283	0.039
	112	0.192	11.925	0.015
	113	-0.004	18.062	-1.211
	114	0.013	32.17	2.332
	115	-0.375	31.967	0.058
	116	0.194	8.748	0.025
	117	-0.001	12.621	-1.219
	118	0.024	28.732	2.341
2573	101	0	17.454	0.005
	102	-0.006	27.102	0.02
	103	-0.416	40.347	0.015
	104	0.068	18.892	0.017
	105	0	34.343	-2.098
	106	-0.013	15.17	7.646
	107	-0.567	30.215	0.238
	108	0.145	0.646	0.1
	109	0.002	25.316	-3.603
	110	-0.008	-3.398	12.758
	111	-0.611	44.053	0.105
	112	0.128	11.356	0.011
	113	0	35.917	-3.576
	114	-0.012	6.141	12.691
	115	-0.583	35.197	0.232
	116	0.143	4.881	0.075
	117	0.001	29.751	-3.598
	118	-0.005	0.98	12.76
2585	101	0	13.146	0.001
	102	-0.002	24.177	0.005
	103	-0.318	27.593	0.002
	104	0.11	19.919	0.003
	105	-0.003	12.428	-0.532
	106	-0.006	37.409	1.302
	107	-0.401	17.541	0.041
	108	0.163	4.162	0.016
	109	-0.007	-8.543	-0.916
	110	0.018	33.974	2.167
	111	-0.455	27.442	0.021
	112	0.172	14.432	0.002
	113	-0.006	1.712	-0.909
	114	-0.002	44.308	2.158
	115	-0.415	21.167	0.04

	116	0.169	7.519	0.012
	117	-0.005	-4.947	-0.913
	118	0.014	37.582	2.167
2595	101	-0.001	14.659	-0.052
	102	-0.011	21.209	-0.042
	103	-0.38	31.347	-0.047
	104	0.055	15.49	-0.044
	105	0.001	25.864	-3.504
	106	-0.019	18.118	2.926
	107	-0.518	23.78	0.038
	108	0.109	2.414	-0.006
	109	0.005	18.469	-6.066
	110	-0.019	2.979	4.925
	111	-0.552	34.077	-0.014
	112	0.101	10.494	-0.048
	113	0.004	27.173	-6.007
	114	-0.023	12.735	4.89
	115	-0.529	27.896	0.02
	116	0.106	5.991	-0.031
	117	0.004	22.194	-6.047
	118	-0.018	6.764	4.91
2609	101	-0.003	16.055	-0.007
	102	0.005	36.022	0.014
	103	-0.116	35.919	0.009
	104	0.094	35.877	0.012
	105	-0.002	46.132	-0.68
	106	-0.002	13.66	1.368
	107	-0.314	12.487	-0.026
	108	0.144	11.73	-0.006
	109	-0.008	31.826	-1.162
	110	-0.037	-25.189	2.231
	111	-0.26	30.171	0.005
	112	0.151	29.869	0.004
	113	-0.006	48.472	-1.148
	114	-0.006	-6.951	2.255
	115	-0.313	16.591	-0.021
	116	0.148	15.86	-0.007
	117	-0.009	35.943	-1.165
	118	-0.03	-20.86	2.23
2620	101	-0.004	16.221	0.017
	102	-0.006	23.763	0.028
	103	-0.21	23.762	0.017
	104	0.081	23.686	0.032
	105	-0.006	23.722	-0.777
	106	-0.003	30.846	1.502

	107	-0.291	12.139	-0.02
	108	0.143	12.037	0.021
	109	-0.006	6.978	-1.34
	110	0.025	24.897	2.447
	111	-0.315	21.332	0.013
	112	0.139	21.153	0.031
	113	-0.008	18.951	-1.322
	114	0.004	33.431	2.471
	115	-0.295	16.377	-0.009
	116	0.14	16.238	0.026
	117	-0.007	11.145	-1.337
	118	0.012	28.982	2.453
2634	101	0.001	16.512	0.005
	102	-0.004	25.797	0.027
	103	-0.283	25.76	0.019
	104	0.145	25.787	0.022
	105	0	33.701	-2.194
	106	-0.009	13.291	7.361
	107	-0.398	12.391	-0.053
	108	0.259	12.322	0.002
	109	0.002	24.497	-3.765
	110	-0.008	-3.366	12.098
	111	-0.423	22.873	0.016
	112	0.246	22.925	0.013
	113	0	35.565	-3.717
	114	-0.01	4.461	12.182
	115	-0.408	16.573	-0.032
	116	0.26	16.631	0.003
	117	0.002	28.781	-3.763
	118	-0.005	0.685	12.103
2646	101	0	12.573	0.001
	102	-0.002	22.845	0.01
	103	-0.246	22.839	0.007
	104	0.126	22.852	0.008
	105	-0.001	10.813	-0.516
	106	-0.006	36.436	1.45
	107	-0.315	9.406	-0.012
	108	0.184	9.338	0
	109	-0.004	-9.784	-0.876
	110	0.02	34.072	2.375
	111	-0.355	19.677	0.005
	112	0.195	19.754	0.004
	113	-0.003	0.169	-0.869
	114	-0.003	43.599	2.395
	115	-0.325	12.691	-0.008

	116	0.191	12.6	0
	117	-0.002	-6.383	-0.876
	118	0.015	37.389	2.377
2656	101	0	15.015	-0.04
	102	-0.008	19.3	-0.015
	103	-0.249	19.68	-0.02
	104	0.084	19.445	-0.018
	105	0.002	25.747	-3.794
	106	-0.014	16.264	2.909
	107	-0.351	11.128	-0.07
	108	0.159	11.18	-0.031
	109	0.005	20.982	-6.466
	110	-0.016	2.422	4.819
	111	-0.369	18.667	-0.025
	112	0.15	18.383	-0.028
	113	0.005	28.367	-6.404
	114	-0.019	11.416	4.845
	115	-0.358	14.944	-0.057
	116	0.157	15.086	-0.042
	117	0.005	24.785	-6.456
	118	-0.016	6.294	4.809
2670	101	-0.006	20.266	0.04
	102	0.002	35.885	0.054
	103	-0.079	23.622	0.038
	104	0.071	47.443	0.039
	105	-0.011	51.289	-1.058
	106	0.002	9.389	2.803
	107	-0.147	-9.497	0.126
	108	0.093	32.038	0.036
	109	-0.009	40.026	-1.707
	110	-0.003	-37.753	4.974
	111	-0.135	10.326	0.061
	112	0.105	49.212	0.037
	113	-0.011	56.187	-1.739
	114	0	-16.66	4.883
	115	-0.152	-4.073	0.114
	116	0.094	37.561	0.045
	117	-0.01	45.332	-1.701
	118	-0.005	-32.336	4.978
2682	101	-0.004	17.316	-0.002
	102	-0.004	23.308	0.003
	103	-0.084	12.614	-0.002
	104	0.072	29.91	-0.001
	105	0.001	22.374	-0.274
	106	-0.01	28.978	0.527

	107	-0.111	-1.715	0.016
	108	0.106	23.493	0.001
	109	0.002	12.318	-0.433
	110	-0.01	23.917	0.943
	111	-0.121	5.472	0.003
	112	0.111	32.021	-0.001
	113	0.002	20.562	-0.444
	114	-0.013	32.355	0.924
	115	-0.114	2.132	0.012
	116	0.106	28.26	0
	117	0.002	16.554	-0.435
	118	-0.012	28.212	0.942
2698	101	-0.007	18.873	-0.001
	102	-0.011	27.92	0.025
	103	-0.159	16.52	0.006
	104	0.158	33.872	0.011
	105	-0.008	31.662	-1.308
	106	-0.015	23.938	2.318
	107	-0.233	-2.147	0.072
	108	0.286	21.172	0.008
	109	-0.004	21.051	-2.088
	110	-0.013	7.482	4.127
	111	-0.243	8.096	0.028
	112	0.272	34.386	0.006
	113	-0.007	31.928	-2.131
	114	-0.016	18.722	4.053
	115	-0.239	2.062	0.062
	116	0.286	26.066	0.007
	117	-0.006	25.634	-2.093
	118	-0.013	12.126	4.124
2710	101	-0.006	12.756	0.001
	102	-0.007	23.687	0.006
	103	-0.15	15.586	0.001
	104	0.092	25.722	0.002
	105	-0.009	15.007	-0.305
	106	-0.01	29.859	0.491
	107	-0.198	-0.376	0.015
	108	0.141	13.824	0.003
	109	-0.011	-2.073	-0.485
	110	0.022	22.739	0.872
	111	-0.219	8.798	0.007
	112	0.147	23.774	0.001
	113	-0.011	7.51	-0.496
	114	-0.007	32.719	0.857
	115	-0.205	2.937	0.014

	116	0.144	17.271	0.003
	117	-0.011	1.286	-0.486
	118	0.014	26.224	0.872
2720	101	-0.008	15.521	0.019
	102	-0.015	22.471	0.037
	103	-0.122	11.154	0.018
	104	0.069	27.841	0.023
	105	-0.006	21.981	-1.404
	106	-0.023	19.121	2.221
	107	-0.181	-3.407	0.085
	108	0.148	19.19	0.025
	109	-0.001	10.751	-2.255
	110	-0.023	4.016	3.934
	111	-0.187	3.625	0.049
	112	0.135	28.586	0.022
	113	-0.003	19.708	-2.297
	114	-0.028	13.679	3.868
	115	-0.185	0.318	0.083
	116	0.143	23.365	0.028
	117	-0.003	14.611	-2.254
	118	-0.025	7.976	3.937
2731	101	0	21.887	0.085
	102	0.084	60.123	0.095
	103	-0.483	73.796	0.069
	104	0.866	49.821	0.075
	105	-0.045	78.888	-1.686
	106	0.183	21.766	6.967
	107	-0.987	39.974	0.042
	108	1.105	1.285	-0.06
	109	-0.069	52.279	-3.163
	110	0.15	-45.215	11.046
	111	-0.874	70.576	0.071
	112	1.252	32.815	0.06
	113	-0.063	82.198	-3.014
	114	0.237	-15.828	11.25
	115	-1.011	46.041	0.063
	116	1.121	6.696	-0.023
	117	-0.069	58.408	-3.138
	118	0.136	-39.25	11.045
2743	101	-0.004	18.431	-0.018
	102	-0.005	27.779	0.001
	103	-0.541	37.888	-0.012
	104	0.641	19.979	-0.014
	105	0.012	27.675	-0.785
	106	-0.024	37.364	1.42

	107	-0.707	28.87	-0.021
	108	0.939	2.597	-0.07
	109	0.002	8.201	-1.418
	110	-0.029	28.475	2.237
	111	-0.779	41.587	-0.013
	112	0.992	13.016	-0.027
	113	0.004	22.117	-1.364
	114	-0.03	39.783	2.286
	115	-0.726	33.87	-0.026
	116	0.949	7.101	-0.069
	117	0.002	12.62	-1.422
	118	-0.03	33.156	2.23
2758	101	0	18.646	-0.017
	102	-0.005	29.058	0.044
	103	-0.646	40.591	0.02
	104	0.508	24.036	0.011
	105	-0.004	38.501	-3.244
	106	0	20.465	3.978
	107	-0.854	30.062	-0.021
	108	0.772	6.275	-0.252
	109	0.002	29.721	-6.012
	110	0.008	3.765	6.191
	111	-0.935	43.35	0.013
	112	0.789	17.664	-0.028
	113	-0.003	42.14	-5.734
	114	0.007	14.04	6.355
	115	-0.879	35.103	-0.026
	116	0.787	10.846	-0.226
	117	0.002	34.48	-6.006
	118	0.012	8.313	6.18
2771	101	0	13.001	0.007
	102	-0.005	23.732	0.024
	103	-0.462	29.404	0.011
	104	0.424	21.125	0.009
	105	0.002	10.531	-1.236
	106	-0.012	33.54	1.133
	107	-0.563	17.877	-0.003
	108	0.595	3.874	-0.085
	109	0.012	-14.177	-2.282
	110	0.005	26.669	1.74
	111	-0.646	28.471	0.01
	112	0.639	16.068	-0.005
	113	0.008	-2.557	-2.181
	114	-0.007	37.155	1.793
	115	-0.585	21.425	-0.002

	116	0.617	7.446	-0.073
	117	0.012	-10.649	-2.278
	118	0.004	30.069	1.742
2781	101	0	15.444	0.116
	102	-0.006	22.227	0.159
	103	-0.531	32.768	0.131
	104	0.404	16.596	0.113
	105	0.004	24.218	-3.197
	106	-0.007	15.467	4.141
	107	-0.735	25.104	0.085
	108	0.646	3.487	-0.156
	109	0.007	13.643	-6.008
	110	-0.001	0.667	6.225
	111	-0.778	35.753	0.135
	112	0.653	11.157	0.08
	113	0.006	22.795	-5.716
	114	-0.006	9.497	6.462
	115	-0.753	29.341	0.114
	116	0.655	7.101	-0.096
	117	0.005	17.764	-5.968
	118	-0.002	4.589	6.256
2789	101	0.001	21.793	0.098
	102	0.095	45.174	0.09
	103	-0.39	45.428	0.091
	104	0.973	45.417	0.086
	105	-0.011	64.349	-1.406
	106	0.203	5.5	7.551
	107	-0.866	16.446	0.271
	108	1.238	15.918	0.106
	109	-0.04	52.081	-2.481
	110	0.139	-49.392	12.601
	111	-0.743	38.716	0.108
	112	1.405	38.565	0.086
	113	-0.023	73.002	-2.459
	114	0.261	-28.151	12.59
	115	-0.884	22.194	0.251
	116	1.256	21.548	0.114
	117	-0.039	57.91	-2.453
	118	0.126	-43.648	12.613
2799	101	-0.002	18.404	-0.014
	102	-0.001	23.7	-0.011
	103	-0.474	24.015	-0.011
	104	0.71	23.842	-0.014
	105	0.015	21.245	-0.659
	106	-0.013	36.833	1.429

	107	-0.635	13.857	0.034
	108	1.041	13.67	0.003
	109	0.003	4.651	-1.107
	110	-0.02	34.041	2.392
	111	-0.694	22.454	-0.002
	112	1.1	21.99	-0.016
	113	0.007	15.149	-1.11
	114	-0.018	42.928	2.389
	115	-0.649	18.596	0.025
	116	1.052	18.439	-0.003
	117	0.002	9.213	-1.11
	118	-0.022	38.558	2.389
2812	101	0	18.456	0.007
	102	-0.006	28.511	0.033
	103	-0.587	28.779	0.034
	104	0.398	28.273	0.029
	105	-0.005	32.66	-2.733
	106	-0.002	23.975	3.61
	107	-0.738	13.047	0.11
	108	0.601	13.39	0.031
	109	0.001	21.302	-4.738
	110	0.004	8.764	5.993
	111	-0.827	25.239	0.043
	112	0.616	25.135	0.019
	113	-0.003	32.672	-4.707
	114	0.003	19.41	6.003
	115	-0.76	17.858	0.094
	116	0.613	18.238	0.026
	117	0.001	25.964	-4.729
	118	0.008	13.345	5.992
2823	101	0	12.674	0.013
	102	-0.004	23.556	0.016
	103	-0.366	23.438	0.016
	104	0.425	23.608	0.014
	105	0.002	11.328	-1.039
	106	-0.01	34.085	0.937
	107	-0.444	9.949	0.041
	108	0.603	9.558	0.021
	109	0.009	-10.901	-1.794
	110	0.005	28.109	1.541
	111	-0.511	20.081	0.025
	112	0.645	20.23	0.012
	113	0.006	-0.417	-1.786
	114	-0.006	38.488	1.547
	115	-0.462	13.276	0.042

	116	0.624	12.768	0.024
	117	0.009	-7.407	-1.788
	118	0.004	31.512	1.546
2833	101	0	8.736	-0.107
	102	-0.006	17.284	-0.111
	103	-0.4	16.831	-0.111
	104	0.409	16.993	-0.114
	105	0.007	10.562	-3.195
	106	-0.008	31.353	1.962
	107	-0.548	6.601	-0.017
	108	0.649	6.455	-0.062
	109	0.009	-4.518	-5.379
	110	-0.005	27.795	3.381
	111	-0.584	14.776	-0.096
	112	0.658	14.671	-0.115
	113	0.009	3.658	-5.392
	114	-0.009	37.14	3.348
	115	-0.562	8.757	-0.054
	116	0.659	8.75	-0.093
	117	0.008	-2.261	-5.398
	118	-0.006	30.171	3.353
2844	101	0.002	17.355	0.094
	102	0.119	27.028	0.067
	103	-0.348	13.641	0.004
	104	1.205	41.091	0.07
	105	0.023	49.257	-1.724
	106	0.25	-10.696	7.436
	107	-0.859	-6.679	-0.092
	108	1.528	34.029	0.055
	109	-0.017	50.758	-2.767
	110	0.146	-48.415	13.007
	111	-0.711	3.093	-0.044
	112	1.737	46.506	0.054
	113	0.014	61.203	-2.821
	114	0.317	-39.066	12.756
	115	-0.872	-2.182	-0.063
	116	1.55	38.809	0.078
	117	-0.016	56.016	-2.759
	118	0.132	-44.092	13.03
2854	101	-0.001	16.872	-0.018
	102	0.003	19.615	-0.032
	103	-0.452	10.516	-0.059
	104	0.845	27.818	-0.026
	105	0.021	14.228	-0.797
	106	-0.005	31.97	1.397

	107	-0.622	-0.934	-0.086
	108	1.24	24.138	-0.018
	109	0.005	2.772	-1.228
	110	-0.016	32.616	2.463
	111	-0.674	4.891	-0.081
	112	1.31	31.3	-0.034
	113	0.011	9.345	-1.267
	114	-0.008	39.092	2.411
	115	-0.633	3.032	-0.089
	116	1.253	28.647	-0.023
	117	0.002	6.745	-1.24
	118	-0.018	37.01	2.461
2867	101	0	17.744	-0.001
	102	-0.007	27.086	-0.007
	103	-0.609	21.643	-0.141
	104	0.329	29.779	0.005
	105	-0.007	32.196	-3.345
	106	-0.003	21.615	3.534
	107	-0.723	6.396	-0.32
	108	0.495	17.119	-0.005
	109	0	22.76	-5.278
	110	0.003	5.124	6.176
	111	-0.835	16.237	-0.251
	112	0.508	28.319	-0.022
	113	-0.004	33.59	-5.397
	114	0.001	15.928	6.062
	115	-0.745	10.84	-0.308
	116	0.504	21.57	-0.006
	117	0	27.239	-5.306
	118	0.006	9.555	6.179
2878	101	0	12.948	0.01
	102	-0.004	23.68	-0.002
	103	-0.303	20.109	-0.051
	104	0.466	26.695	0.003
	105	0.002	9.25	-1.268
	106	-0.008	33.636	0.915
	107	-0.366	3.143	-0.112
	108	0.669	14.559	0.002
	109	0.007	-12.326	-1.998
	110	0.004	27.6	1.583
	111	-0.422	14.192	-0.089
	112	0.712	25.148	-0.008
	113	0.006	-2.612	-2.046
	114	-0.005	37.815	1.558
	115	-0.38	6.733	-0.106

	116	0.692	18.04	0.004
	117	0.007	-9.039	-2.006
	118	0.004	31.068	1.588
2888	101	0	10.205	-0.113
	102	-0.006	19.985	-0.139
	103	-0.315	11.169	-0.291
	104	0.461	26.366	-0.128
	105	0.006	13.074	-3.859
	106	-0.007	32.027	1.915
	107	-0.427	-4.367	-0.437
	108	0.734	17.33	-0.084
	109	0.007	-3.95	-5.97
	110	-0.005	27.251	3.482
	111	-0.457	4.201	-0.406
	112	0.742	27.312	-0.146
	113	0.007	5.411	-6.144
	114	-0.009	36.756	3.377
	115	-0.439	-1.998	-0.452
	116	0.747	20.106	-0.115
	117	0.006	-1.32	-6.029
	118	-0.006	29.941	3.456
2895	101	0.009	21.242	0.083
	102	0.148	38.196	0.079
	103	-0.339	42.963	0.156
	104	1.456	27.278	0.122
	105	0.059	50.846	-1.794
	106	0.311	8.825	6.074
	107	-0.929	20.693	0.141
	108	1.843	1.221	0.13
	109	0.003	37.52	-3.274
	110	0.184	-35.042	10.163
	111	-0.743	39.694	0.184
	112	2.097	16.62	0.15
	113	0.053	53.954	-3.16
	114	0.398	-17.295	10.171
	115	-0.938	26.368	0.162
	116	1.871	6.493	0.148
	117	0.004	42.863	-3.195
	118	0.168	-29.007	10.106
2905	101	0.006	20.421	-0.024
	102	0.012	22.466	-0.025
	103	-0.441	23.792	0.007
	104	0.957	15.598	-0.012
	105	0.033	25.3	-0.712
	106	0.006	20.394	1.174

	107	-0.629	18.194	0.017
	108	1.399	3.153	0.003
	109	0.013	18.504	-1.208
	110	-0.009	12.952	1.941
	111	-0.673	23.794	0.018
	112	1.481	10.231	-0.004
	113	0.021	27.146	-1.19
	114	0.004	19.205	1.952
	115	-0.634	23.774	0.011
	116	1.415	8.2	-0.005
	117	0.009	23.849	-1.203
	118	-0.01	18.084	1.931
2918	101	-0.007	15.799	0.004
	102	-0.017	15.833	0.006
	103	-0.502	14.882	0.047
	104	0.234	16.651	0.025
	105	-0.013	4.133	-0.982
	106	-0.017	32.165	1.406
	107	-0.564	10.492	0.048
	108	0.343	11.582	0.036
	109	0	-11.584	-1.725
	110	-0.012	36.899	2.251
	111	-0.668	14.516	0.062
	112	0.357	16.247	0.037
	113	-0.008	-5.39	-1.684
	114	-0.017	41.914	2.286
	115	-0.584	14.208	0.049
	116	0.35	15.943	0.035
	117	-0.002	-6.62	-1.703
	118	-0.011	41.003	2.257
2929	101	-0.007	15.576	0.009
	102	-0.013	18.012	0.007
	103	-0.307	22.346	0.057
	104	0.594	13.105	0.033
	105	-0.007	17.826	-0.835
	106	-0.016	16.22	1.631
	107	-0.364	17.892	0.06
	108	0.864	3.042	0.048
	109	0.003	11.914	-1.433
	110	0.002	8.854	2.597
	111	-0.423	23.898	0.075
	112	0.915	8.969	0.05
	113	-0.003	17.405	-1.408
	114	-0.012	14.591	2.642
	115	-0.38	22.227	0.061

	116	0.891	6.874	0.048
	117	0.001	15.923	-1.424
	118	-0.001	12.781	2.608
2939	101	-0.005	10.473	-0.09
	102	-0.013	14.559	-0.106
	103	-0.304	22.818	0.011
	104	0.607	8.638	-0.025
	105	0.001	-0.443	-2.133
	106	-0.016	41.442	4.728
	107	-0.399	18.822	0.051
	108	0.969	-1.543	0.065
	109	0.006	-15.092	-3.655
	110	-0.012	52.218	7.703
	111	-0.432	25.817	0.054
	112	0.979	3.675	0.031
	113	0.003	-10.965	-3.592
	114	-0.018	57.885	7.78
	115	-0.411	21.708	0.026
	116	0.987	0.954	0.036
	117	0.003	-12.475	-3.631
	118	-0.013	55.17	7.696
2960	101	0.003	10.66	0.013
	102	0.01	9.449	-0.006
	103	-0.21	14.544	0.014
	104	0.045	8.203	0.009
	105	-0.037	-12.522	-3.357
	106	-0.002	48.755	2.164
	107	-0.288	16.371	0.025
	108	0.062	5.831	-0.003
	109	-0.069	-26.872	-5.283
	110	-0.007	70.045	3.705
	111	-0.311	18.381	0.013
	112	0.063	7.72	0.007
	113	-0.074	-25.73	-5.421
	114	-0.006	73.348	3.675
	115	-0.29	18.871	0.02
	116	0.065	8.611	-0.01
	117	-0.056	-24.249	-5.29
	118	-0.006	73.151	3.697
2967	101	-0.003	13.8	-0.006
	102	-0.004	22.96	-0.016
	103	-0.493	28.059	0.001
	104	0.248	19.694	-0.012
	105	-0.002	29.836	-0.617
	106	-0.008	0.717	1.784

	107	-0.83	19.219	0.028
	108	0.349	5.108	0.007
	109	0.016	21.02	-0.949
	110	-0.118	-24.688	3.027
	111	-0.83	29.072	0.01
	112	0.382	15.366	-0.008
	113	0.004	31.447	-0.98
	114	-0.04	-15.776	3.012
	115	-0.834	22.965	0.023
	116	0.356	8.665	0.001
	117	0.013	25.038	-0.957
	118	-0.091	-21.17	3.023
2981	101	-0.003	19.806	-0.018
	102	-0.004	28.345	-0.032
	103	-0.479	39.783	-0.006
	104	0.201	21.725	-0.023
	105	-0.003	17.326	-1.886
	106	-0.004	49.705	5.15
	107	-0.932	33.46	0.039
	108	0.339	5.593	0.001
	109	-0.003	-0.952	-2.935
	110	-0.002	54.741	8.772
	111	-0.878	44.726	-0.005
	112	0.335	15.303	-0.021
	113	-0.003	9.117	-3.022
	114	-0.004	64.204	8.721
	115	-0.909	38.347	0.017
	116	0.326	10.282	-0.023
	117	-0.003	3.872	-2.949
	118	-0.003	59.5	8.752
2995	101	-0.003	16.058	-0.009
	102	-0.008	17.23	-0.019
	103	-0.292	25.442	-0.002
	104	0.042	13.898	-0.014
	105	-0.004	17.069	-0.79
	106	-0.009	25.069	1.063
	107	-0.508	25.855	0.019
	108	0.103	6.357	-0.001
	109	0.039	10.116	-1.222
	110	-0.009	25.204	1.81
	111	-0.504	30.993	0.006
	112	0.09	11.481	-0.01
	113	0.022	15.736	-1.261
	114	-0.011	30.232	1.799
	115	-0.502	29.854	0.016

	116	0.111	10.386	-0.005
	117	0.033	14.269	-1.23
	118	-0.01	29.043	1.806
3011	101	0	14.44	-0.064
	102	-0.022	8.078	-0.13
	103	-0.208	6.214	-0.189
	104	0.086	8.717	-0.209
	105	-0.003	-11.3	-4.703
	106	-0.006	34.814	1.573
	107	-0.268	7.428	-0.289
	108	0.086	11.93	-0.037
	109	0.005	-18.728	-6.997
	110	-0.003	52.238	2.806
	111	-0.292	7.08	-0.324
	112	0.109	11.284	-0.125
	113	0.003	-20.816	-7.361
	114	-0.005	53.462	2.737
	115	-0.278	11.462	-0.268
	116	0.093	15.529	-0.051
	117	0.003	-15.207	-7.043
	118	-0.003	56.266	2.778
6142	101	0.002	14.591	-0.007
	102	0.002	18.141	-0.026
	103	-0.189	26.6	0.016
	104	0.043	15.93	-0.023
	105	0	27.667	-0.856
	106	0.006	3.859	1.509
	107	-0.395	24.275	0.049
	108	0.12	7.086	0.007
	109	-0.001	25.106	-1.307
	110	-0.032	-15.009	2.554
	111	-0.374	30.929	0.034
	112	0.102	13.55	-0.015
	113	-0.001	32.004	-1.353
	114	0.003	-7.942	2.544
	115	-0.38	27.945	0.047
	116	0.114	11.311	0.004
	117	-0.001	28.85	-1.321
	118	-0.007	-11.066	2.552
6156	101	0.005	30.304	0.003
	102	0.006	45.212	0.01
	103	-0.439	35.822	0.016
	104	0.098	49.244	0.011
	105	0.007	66.025	-1.924
	106	0.003	10.536	2.923

	107	-0.894	2.128	0.117
	108	0.255	31.094	0.005
	109	0.005	55.641	-3.246
	110	-0.085	-37.184	4.826
	111	-0.852	22.433	0.091
	112	0.221	48.77	0.01
	113	0.007	74.769	-3.232
	114	-0.011	-17.655	4.844
	115	-0.862	11.058	0.11
	116	0.242	38.678	0.005
	117	0.006	63.321	-3.231
	118	-0.033	-28.92	4.83
6169	101	0	32.37	0.004
	102	0	47.99	0.012
	103	-0.383	55.703	0.015
	104	0.089	44.513	0.014
	105	0	67.972	-1.871
	106	0	13.522	3.01
	107	-0.788	38.572	0.021
	108	0.256	16.803	0.025
	109	-0.001	56.604	-3.201
	110	-0.042	-38.763	4.91
	111	-0.748	57.585	0.017
	112	0.217	36.108	0.014
	113	-0.001	76.338	-3.178
	114	0.004	-17.751	4.942
	115	-0.76	46.58	0.014
	116	0.241	25.449	0.022
	117	-0.001	64.693	-3.175
	118	-0.002	-30.552	4.92
6190	101	0	32.519	0.005
	102	0	50.954	0.014
	103	-0.333	50.89	0.018
	104	0.104	51.21	0.017
	105	0	70.3	-1.756
	106	0.001	17.241	2.921
	107	-0.703	23.58	0.044
	108	0.298	24.517	0.006
	109	-0.001	56.717	-3.086
	110	0.024	-34.667	4.727
	111	-0.662	45.14	0.023
	112	0.253	45.643	0.014
	113	0	78.154	-3.032
	114	0.028	-12.666	4.775
	115	-0.678	32.07	0.04

	116	0.281	32.887	0.007
	117	-0.001	64.853	-3.067
	118	0.047	-26.603	4.74
6205	101	0	33.156	0.006
	102	0.001	54.472	0.017
	103	-0.296	47.846	0.052
	104	0.123	57.557	0.017
	105	0	73.26	-1.711
	106	0.001	21.127	2.91
	107	-0.645	6.988	0.118
	108	0.352	33.599	0.006
	109	0	57.378	-3.078
	110	0.091	-32.579	4.7
	111	-0.601	33.133	0.119
	112	0.299	55.849	0.015
	113	0	80.481	-2.998
	114	0.052	-8.164	4.755
	115	-0.622	16.326	0.111
	116	0.33	41.682	0.008
	117	0	65.823	-3.061
	118	0.097	-23.341	4.713
6222	101	0	33.987	0.006
	102	0.001	57.406	0.018
	103	-0.285	63.547	0.017
	104	0.137	53.889	0.02
	105	0.001	75.332	-1.689
	106	0.001	23.379	2.857
	107	-0.647	40.142	0.01
	108	0.394	15.524	0.014
	109	0	58.03	-3.083
	110	0.122	-36.486	4.592
	111	-0.596	63.672	0.017
	112	0.334	41.962	0.017
	113	0	82.113	-2.987
	114	0.071	-9.515	4.648
	115	-0.623	48.237	0.01
	116	0.369	24.794	0.011
	117	0	66.452	-3.065
	118	0.125	-27.859	4.605
6237	101	0	34.684	0.007
	102	0.001	67.18	0.027
	103	-0.288	66.685	0.049
	104	0.12	66.797	0.046
	105	0.001	82.518	-1.581
	106	0.001	31.397	2.86

	107	-0.678	25.198	0.046
	108	0.358	25.764	0.011
	109	0	58.447	-3.089
	110	0.068	-32.073	4.522
	111	-0.617	56.733	0.064
	112	0.302	57.197	0.042
	113	0	87.416	-2.911
	114	0.059	-1.99	4.62
	115	-0.651	34.002	0.048
	116	0.336	34.634	0.015
	117	0	67.074	-3.077
	118	0.084	-23.581	4.543
6255	101	0	33.773	0.006
	102	0	63.715	0.022
	103	-0.3	54.548	0.062
	104	0.107	63.909	0.021
	105	0	80.151	-1.663
	106	0.001	29.723	2.802
	107	-0.732	6.421	0.057
	108	0.334	32.108	0.006
	109	0	57.957	-3.141
	110	0.016	-31.375	4.509
	111	-0.659	37.085	0.086
	112	0.279	58.448	0.016
	113	0	85.344	-2.997
	114	0.05	-2.754	4.571
	115	-0.702	15.532	0.061
	116	0.314	40.143	0.007
	117	0	66.413	-3.129
	118	0.046	-22.55	4.517
6270	101	0	32.971	0.006
	102	0	60.389	0.02
	103	-0.27	68.831	0.02
	104	0.1	60.018	0.025
	105	0	78.228	-1.785
	106	0.001	28.375	2.749
	107	-0.674	41.877	0.008
	108	0.325	16.575	0.017
	109	0	57.515	-3.14
	110	0.027	-33.064	4.435
	111	-0.603	68.583	0.018
	112	0.269	48.054	0.03
	113	0	84.021	-3.078
	114	0.044	-3.066	4.507
	115	-0.645	50.062	0.01

	116	0.305	25.861	0.016
	117	0	65.968	-3.137
	118	0.053	-24.138	4.446
6287	101	0.001	32.746	0.006
	102	0	57.86	0.019
	103	-0.236	58.422	0.02
	104	0.096	58.022	0.02
	105	0	75.934	-1.778
	106	0.001	28.159	2.696
	107	-0.606	25.219	0.008
	108	0.348	24.469	0.005
	109	0	56.988	-3.093
	110	0.073	-29.308	4.364
	111	-0.537	51.707	0.017
	112	0.281	50.656	0.016
	113	0	82.188	-3.032
	114	0.041	-2.038	4.419
	115	-0.579	33.709	0.009
	116	0.326	32.963	0.007
	117	0	65.322	-3.092
	118	0.082	-20.964	4.375
6320	101	0	31.797	0.005
	102	0	57.839	0.019
	103	-0.205	65.239	0.018
	104	0.096	56.913	0.021
	105	0	75.801	-1.776
	106	0.001	29.202	2.657
	107	-0.568	38.978	0.008
	108	0.413	15.624	0.004
	109	0	56.325	-3.1
	110	0.143	-31.145	4.343
	111	-0.495	64.393	0.017
	112	0.323	45.464	0.017
	113	0	81.679	-3.048
	114	0.038	-0.911	4.365
	115	-0.542	46.924	0.009
	116	0.385	24.657	0.006
	117	0	64.491	-3.1
	118	0.133	-22.591	4.345
6334	101	0.001	30.359	0.005
	102	0	54.192	0.017
	103	-0.207	54.497	0.018
	104	0.084	54.407	0.018
	105	0	73.261	-1.84
	106	0.002	26.984	2.631

	107	-0.602	23.245	0.007
	108	0.371	23.355	0.004
	109	0	55.118	-3.086
	110	0.094	-28.135	4.298
	111	-0.518	47.815	0.015
	112	0.288	47.867	0.015
	113	0	79.141	-3.081
	114	0.031	-2.178	4.331
	115	-0.573	31.271	0.008
	116	0.346	31.311	0.006
	117	0	63.039	-3.093
	118	0.097	-20.221	4.307
6352	101	0.001	32.245	0.005
	102	0.001	59.465	0.02
	103	-0.216	55.635	0.033
	104	0.075	62.509	0.018
	105	0.001	76.277	-1.797
	106	0.002	31.482	2.663
	107	-0.655	8.049	0.033
	108	0.342	32.352	0.006
	109	0	55.867	-3.102
	110	0.049	-25.816	4.361
	111	-0.558	40.327	0.048
	112	0.263	58.715	0.015
	113	0	81.279	-3.059
	114	0.026	2.055	4.384
	115	-0.623	17.316	0.034
	116	0.319	40.403	0.006
	117	0	64.115	-3.098
	118	0.064	-17.09	4.359
6366	101	0.001	34.941	0.006
	102	0.001	67.466	0.021
	103	-0.202	73.499	0.021
	104	0.068	63.654	0.023
	105	0.001	82.629	-1.704
	106	0.002	37.033	2.636
	107	-0.606	43.395	0.009
	108	0.328	16.362	0.004
	109	0	56.503	-3.066
	110	0.054	-27.371	4.268
	111	-0.517	72.01	0.019
	112	0.25	49.432	0.018
	113	0	85.746	-2.939
	114	0.021	5.372	4.332
	115	-0.576	51.686	0.01

	116	0.305	25.788	0.006
	117	0	65.16	-3.053
	118	0.065	-18.264	4.276
6383	101	0.001	33.67	0.006
	102	0	68.008	0.022
	103	-0.188	68.079	0.023
	104	0.066	67.913	0.023
	105	0	82.272	-1.686
	106	0.002	38.638	2.603
	107	-0.547	25.546	0.006
	108	0.347	25.165	0.004
	109	0	55.434	-3.045
	110	0.088	-24.73	4.186
	111	-0.469	58.109	0.018
	112	0.26	57.915	0.018
	113	0	84.889	-2.917
	114	0.018	7.442	4.25
	115	-0.52	34.229	0.008
	116	0.322	33.867	0.006
	117	0	63.788	-3.041
	118	0.082	-16.264	4.196
6394	101	0.001	34.069	0.006
	102	0	67.246	0.023
	103	-0.18	61.826	0.034
	104	0.066	68.432	0.021
	105	0.001	82.06	-1.761
	106	0.002	39.757	2.577
	107	-0.509	10.039	0.046
	108	0.379	33.988	0.006
	109	0	55.895	-3.079
	110	0.125	-21.381	4.178
	111	-0.438	44.313	0.06
	112	0.28	63.017	0.016
	113	0	85.551	-3.039
	114	0.015	8.961	4.23
	115	-0.483	19.601	0.041
	116	0.352	42.317	0.007
	117	0	64.568	-3.089
	118	0.103	-12.53	4.186
6413	101	0.001	35.073	0.006
	102	0.001	67.599	0.023
	103	-0.184	72.762	0.021
	104	0.067	66.387	0.025
	105	0.001	82.271	-1.728
	106	0.002	40.565	2.611

	107	-0.519	40.634	0.009
	108	0.402	16.73	0.003
	109	0	56.405	-3.069
	110	0.142	-25.536	4.221
	111	-0.446	70.259	0.019
	112	0.294	51.912	0.019
	113	0	85.839	-3.001
	114	0.013	9.795	4.27
	115	-0.492	49.046	0.01
	116	0.373	26.344	0.006
	117	0.001	65.197	-3.07
	118	0.114	-16.014	4.224
6427	101	0.001	37.128	0.007
	102	0	77.169	0.033
	103	-0.197	77.533	0.055
	104	0.061	76.895	0.027
	105	0	91.045	-1.509
	106	0.001	47.352	2.671
	107	-0.552	29.366	0.016
	108	0.347	26.988	0.005
	109	0	57.119	-2.996
	110	0.095	-21.618	4.221
	111	-0.475	66.27	0.044
	112	0.256	64.669	0.02
	113	0	90.786	-2.791
	114	0.011	14.994	4.314
	115	-0.523	38.844	0.02
	116	0.323	36.588	0.007
	117	0.001	66.178	-2.982
	118	0.082	-12.427	4.235
6444	101	0.001	32.492	0.006
	102	0	57.144	0.022
	103	-0.215	47.214	0.081
	104	0.057	58.618	0.019
	105	0	74.873	-1.768
	106	0.001	31.249	2.669
	107	-0.603	5.283	0.033
	108	0.304	32.107	0.005
	109	0	54.656	-3.088
	110	0.052	-22.355	4.296
	111	-0.518	31.338	0.081
	112	0.226	54.848	0.014
	113	0	80.372	-3.024
	114	0.009	4.346	4.34
	115	-0.571	13.955	0.035

	116	0.283	39.823	0.006
	117	0.001	62.893	-3.083
	118	0.052	-14.078	4.296
6458	101	0.001	30.937	0.005
	102	0.001	53.139	0.019
	103	-0.199	62.272	0.02
	104	0.058	51.555	0.021
	105	0.002	72.183	-2.078
	106	0	28.392	2.802
	107	-0.551	41.468	0.009
	108	0.273	14.7	0.002
	109	0.002	54.279	-3.433
	110	0.039	-24.059	4.557
	111	-0.476	63.482	0.017
	112	0.207	41.015	0.016
	113	0.002	78.411	-3.461
	114	0.007	2.435	4.604
	115	-0.522	49.213	0.009
	116	0.256	23.426	0.004
	117	0.002	62.393	-3.441
	118	0.043	-15.32	4.564
6474	101	-0.008	31.43	0.015
	102	-0.007	51.707	0.032
	103	-0.25	51.776	0.044
	104	0.02	51.96	0.028
	105	-0.004	65.382	-1.013
	106	-0.01	32.573	1.686
	107	-0.731	23.805	0.019
	108	0.266	23.271	0.007
	109	-0.002	45.295	-1.642
	110	0.027	-12.876	2.713
	111	-0.62	45.766	0.039
	112	0.182	45.73	0.025
	113	-0.003	68.435	-1.669
	114	-0.002	11.323	2.751
	115	-0.695	31.976	0.024
	116	0.241	31.389	0.012
	117	-0.004	53.415	-1.646
	118	0.038	-4.707	2.72
6488	101	-0.002	39.176	0.025
	102	-0.006	83.085	0.08
	103	-0.456	77.078	0.182
	104	0.383	86.016	0.047
	105	-0.013	98.216	-2.017
	106	0.013	52.449	2.877

	107	-0.683	10.621	0.086
	108	0.785	36.655	0.018
	109	-0.016	56.305	-3.724
	110	0.204	-21.385	4.52
	111	-0.72	55.553	0.179
	112	0.727	75.541	0.037
	113	-0.021	95.141	-3.561
	114	0.038	18.786	4.641
	115	-0.685	21.52	0.093
	116	0.774	45.885	0.024
	117	-0.016	65.694	-3.715
	118	0.141	-12.263	4.536
6505	101	0.001	37.486	0.025
	102	-0.002	80.903	0.049
	103	-0.47	86.246	0.046
	104	0.4	78.133	0.063
	105	-0.005	94.836	-1.812
	106	0.013	50.756	2.505
	107	-0.721	43.527	0.025
	108	0.803	20.554	0.016
	109	-0.008	54.866	-3.313
	110	0.206	-23.29	3.933
	111	-0.75	80.636	0.045
	112	0.75	63.261	0.048
	113	-0.011	91.414	-3.16
	114	0.033	17.559	4.035
	115	-0.721	52.62	0.031
	116	0.794	31.188	0.023
	117	-0.007	63.751	-3.299
	118	0.143	-13.027	3.95
6518	101	0.001	35.074	0.025
	102	-0.001	70.874	0.039
	103	-0.522	70.372	0.045
	104	0.34	70.924	0.038
	105	-0.004	83.592	-1.917
	106	0.012	41.884	2.432
	107	-0.805	26.383	0.035
	108	0.651	26.164	0.016
	109	-0.007	53.402	-3.288
	110	0.162	-23.311	3.868
	111	-0.835	59.986	0.063
	112	0.617	60.397	0.031
	113	-0.009	84.224	-3.243
	114	0.031	10.84	3.951
	115	-0.805	35.467	0.048

	116	0.645	35.283	0.022
	117	-0.006	61.896	-3.281
	118	0.114	-14.525	3.893
6535	101	0.001	37.502	0.026
	102	0	65.668	0.033
	103	-0.614	59.515	0.055
	104	0.31	67.907	0.03
	105	-0.001	79.935	-1.969
	106	0.012	41.02	2.393
	107	-0.952	9.871	0.066
	108	0.553	37.31	0.018
	109	-0.005	55.05	-3.286
	110	0.131	-19.392	3.902
	111	-0.985	42.833	0.1
	112	0.538	64.275	0.028
	113	-0.007	83.758	-3.297
	114	0.032	11.469	3.915
	115	-0.952	20.702	0.081
	116	0.551	46.425	0.024
	117	-0.005	64.165	-3.28
	118	0.095	-10.461	3.92
6548	101	0.001	39.767	0.025
	102	0.001	67.774	0.033
	103	-0.529	74.71	0.034
	104	0.305	65.675	0.035
	105	0	81.711	-1.862
	106	0.012	40.023	2.43
	107	-0.826	47.29	0.025
	108	0.5	19.484	0.015
	109	-0.005	56.338	-3.306
	110	0.11	-21.73	3.87
	111	-0.851	74.897	0.037
	112	0.503	52.266	0.027
	113	-0.005	84.59	-3.234
	114	0.033	10.695	3.933
	115	-0.826	56.809	0.031
	116	0.502	30.424	0.021
	117	-0.004	65.933	-3.271
	118	0.083	-10.986	3.897
6564	101	-0.006	32.556	0.02
	102	-0.006	56.064	0.024
	103	-0.419	55.864	0.026
	104	0.333	56.2	0.024
	105	-0.007	71.19	-1.989
	106	0.01	27.907	2.196

	107	-0.656	24.462	0.013
	108	0.552	23.956	0.016
	109	-0.011	51.948	-3.332
	110	0.118	-25.103	3.515
	111	-0.673	49.103	0.025
	112	0.551	49.012	0.021
	113	-0.013	75.967	-3.323
	114	0.037	0.792	3.576
	115	-0.657	32.813	0.019
	116	0.551	32.407	0.02
	117	-0.012	59.825	-3.32
	118	0.082	-16.902	3.531
6578	101	0.005	17.83	-0.02
	102	0.008	25.414	-0.057
	103	-0.182	16.188	-0.069
	104	0.253	30.232	-0.073
	105	0.009	27.503	-0.896
	106	0.017	22.398	0.947
	107	-0.294	-1.385	-0.083
	108	0.398	20.951	-0.015
	109	0.001	17.506	-1.31
	110	0.082	5.593	1.622
	111	-0.297	7.595	-0.097
	112	0.403	31.029	-0.059
	113	0.004	27.072	-1.383
	114	0.035	15.536	1.602
	115	-0.293	2.899	-0.089
	116	0.4	25.758	-0.021
	117	0.002	21.783	-1.328
	118	0.058	9.948	1.619
8431	101	0.016	18.221	-0.06
	102	0.014	17.205	-0.06
	103	-0.24	17.483	-0.021
	104	0.271	17.321	-0.044
	105	0.011	29.375	-0.879
	106	0.022	0.283	1.256
	107	-0.267	13.963	-0.001
	108	0.422	11.707	-0.021
	109	0.006	31.6	-1.456
	110	0.034	-14.981	2.087
	111	-0.321	17.777	-0.006
	112	0.43	16.88	-0.035
	113	0.008	37.4	-1.446
	114	0.034	-10.692	2.097
	115	-0.269	18.558	-0.017

	116	0.428	16.639	-0.037
	117	0.01	35.762	-1.46
	118	0.037	-10.544	2.071
8441	101	0.014	19.369	0
	102	0.028	25.591	0.001
	103	-0.123	26.272	0.037
	104	0.338	25.573	0.012
	105	0.022	25.243	-0.74
	106	0.031	31.497	1.319
	107	-0.308	14.483	0.041
	108	0.494	13.305	0.018
	109	0.004	11.949	-1.255
	110	0.013	25.965	2.162
	111	-0.261	24.893	0.051
	112	0.523	23.202	0.019
	113	0.023	21.496	-1.238
	114	0.031	34.904	2.179
	115	-0.307	19.151	0.042
	116	0.5	18.395	0.017
	117	0.015	16.63	-1.249
	118	0.015	30.596	2.157
8563	101	-0.014	19.878	0.216
	102	0.091	45.962	0.183
	103	-0.311	52.886	0.251
	104	1.102	40.257	0.141
	105	0.03	54.025	-1.003
	106	0.22	36.461	1.745
	107	-0.823	26.814	0.191
	108	1.413	6.842	0.13
	109	-0.011	29.627	-1.588
	110	0.126	-8.232	3.422
	111	-0.664	50	0.247
	112	1.6	29.559	0.146
	113	0.026	51.961	-1.648
	114	0.294	18.25	3.241
	115	-0.836	32.192	0.249
	116	1.428	11.836	0.187
	117	-0.015	34.9	-1.529
	118	0.107	-2.298	3.349
8571	101	-0.015	18.83	-0.006
	102	-0.012	20.27	-0.017
	103	-0.383	25.166	0.002
	104	0.713	16.629	-0.028
	105	0.005	20.794	-0.412
	106	-0.018	20.501	0.404

	107	-0.533	21.333	0.001
	108	1.063	10.234	-0.014
	109	-0.007	15.125	-0.604
	110	-0.028	14.493	0.699
	111	-0.574	27.413	-0.002
	112	1.118	15.261	-0.027
	113	-0.004	21.104	-0.637
	114	-0.022	20.35	0.69
	115	-0.541	26.349	0
	116	1.068	14.87	-0.015
	117	-0.014	19.995	-0.605
	118	-0.033	19.361	0.695
8579	101	0.001	16.916	0.07
	102	-0.007	8.942	0.056
	103	-0.486	15.48	0.091
	104	0.128	5.294	0.034
	105	-0.009	-3.866	-0.598
	106	-0.007	21.51	0.739
	107	-0.544	19.767	0.066
	108	0.187	9.666	0.033
	109	-0.001	-5.81	-0.937
	110	-0.007	31.607	1.104
	111	-0.647	19.984	0.085
	112	0.194	6.941	0.034
	113	-0.005	-8.254	-0.97
	114	-0.008	31.1	1.141
	115	-0.56	24.287	0.085
	116	0.192	13.991	0.052
	117	0	-1.401	-0.918
	118	-0.004	36.183	1.135
8587	101	0	14.237	0.009
	102	-0.003	13.404	0.007
	103	-0.228	13.807	0.028
	104	0.452	12.992	-0.006
	105	0.003	21.513	-0.471
	106	-0.012	-1.612	0.682
	107	-0.276	12.138	0.012
	108	0.652	9.615	-0.007
	109	0.008	22.376	-0.728
	110	-0.005	-12.945	1.039
	111	-0.318	14.819	0.019
	112	0.693	12.719	-0.009
	113	0.008	26.454	-0.752
	114	-0.013	-10.505	1.071
	115	-0.287	15.868	0.014

	116	0.675	13.273	-0.004
	117	0.008	25.916	-0.725
	118	-0.006	-9.23	1.056
8594	101	-0.003	8.338	0.008
	102	-0.007	9.136	-0.023
	103	-0.224	9.729	0.041
	104	0.463	8.515	-0.072
	105	0.002	-0.136	-1.242
	106	-0.009	25.635	1.928
	107	-0.302	5.823	0.032
	108	0.747	5.718	-0.036
	109	0.004	-7.407	-1.825
	110	-0.007	31.975	3.088
	111	-0.323	9.137	0.034
	112	0.751	8.313	-0.072
	113	0.003	-5.747	-1.927
	114	-0.01	35.435	3.128
	115	-0.31	7.982	0.035
	116	0.761	7.879	-0.033
	117	0.002	-5.098	-1.82
	118	-0.008	34.139	3.108
8610	101	-0.014	15.619	-0.049
	102	-0.017	8.51	-0.056
	103	-0.263	11.55	-0.035
	104	0.239	5.997	-0.069
	105	-0.019	21.4	-0.533
	106	-0.007	-3.133	0.439
	107	-0.281	16.626	-0.032
	108	0.394	9.155	-0.047
	109	-0.017	30.464	-0.754
	110	0.013	-5.806	0.754
	111	-0.342	15.785	-0.041
	112	0.396	7.817	-0.07
	113	-0.022	30.781	-0.803
	114	0.006	-7.414	0.748
	115	-0.291	20.75	-0.044
	116	0.393	13.121	-0.059
	117	-0.021	34.502	-0.766
	118	0.009	-2.017	0.745
8620	101	-0.015	18.654	-0.004
	102	-0.001	33.087	-0.006
	103	-0.146	36.486	0.011
	104	0.305	30.142	-0.015
	105	-0.008	27.724	-0.432
	106	0.003	39.114	0.438

	107	-0.32	18.918	0
	108	0.468	9.536	-0.012
	109	-0.02	4.268	-0.661
	110	-0.006	29.48	0.762
	111	-0.281	34.22	0.003
	112	0.488	24.281	-0.017
	113	-0.008	19.09	-0.684
	114	0.004	42.356	0.751
	115	-0.326	23.816	0
	116	0.467	14.355	-0.013
	117	-0.016	8.861	-0.662
	118	-0.011	33.77	0.755
8670	101	0.005	22.335	0.022
	102	0.008	79.977	0.048
	103	-0.088	79.656	0.041
	104	0.089	80.168	0.043
	105	-0.014	91.041	-2.337
	106	0.018	62.613	2.86
	107	-0.167	16.959	-0.052
	108	0.115	16.952	0.014
	109	-0.01	37.005	-4.046
	110	0.022	-15.258	4.629
	111	-0.153	62.434	0.038
	112	0.129	63.038	0.033
	113	-0.015	82.155	-3.981
	114	0.024	32.745	4.686
	115	-0.171	22.757	-0.023
	116	0.118	22.732	0.02
	117	-0.009	42.842	-4.042
	118	0.022	-9.384	4.638
8838	101	0	23.571	0.006
	102	0	40.118	0
	103	-0.363	35.22	0.045
	104	0.182	41.751	-0.002
	105	0	36.075	-2.029
	106	-0.001	44.184	3.991
	107	-0.722	5.723	0.095
	108	0.467	23.85	0.002
	109	0	8.936	-3.573
	110	0.003	25.643	6.586
	111	-0.678	24.689	0.093
	112	0.395	40.098	0
	113	0	27.485	-3.489
	114	-0.001	42.813	6.61
	115	-0.713	12.175	0.094

	116	0.449	29.575	0.004
	117	0	15.11	-3.568
	118	0.001	31.638	6.588
8839	101	0	14.808	0.004
	102	0	25.384	0.006
	103	-0.292	22.46	0.026
	104	0.14	26.524	0.006
	105	0.001	33.911	-0.471
	106	-0.006	5.713	1.589
	107	-0.52	4.349	0.036
	108	0.282	14.482	0.003
	109	0.003	22.105	-0.801
	110	-0.039	-24.01	2.63
	111	-0.512	16.186	0.041
	112	0.271	24.922	0.006
	113	0.002	34.501	-0.793
	114	-0.018	-10.901	2.636
	115	-0.518	8.312	0.037
	116	0.279	18.236	0.004
	117	0.003	26.251	-0.801
	118	-0.037	-19.825	2.631
8840	101	0	21.028	-0.008
	102	-0.001	30.976	0.001
	103	-0.231	27.194	0.042
	104	0.087	33.061	0.001
	105	0	25.722	-1.482
	106	-0.001	44.38	4.639
	107	-0.499	7.85	0.085
	108	0.26	20.749	-0.005
	109	0	7.21	-2.523
	110	0	43.619	7.713
	111	-0.454	20.675	0.089
	112	0.214	32.536	-0.001
	113	0	19.548	-2.499
	114	-0.001	53.867	7.72
	115	-0.481	13.704	0.08
	116	0.238	25.892	-0.007
	117	0	12.617	-2.518
	118	0	48.822	7.706
8841	101	0	16.482	-0.002
	102	-0.004	16.497	0.001
	103	-0.169	12.332	0.013
	104	0.01	17.779	0.001
	105	-0.003	20.038	-0.615
	106	-0.006	18.777	0.94

	107	-0.318	4.744	0.018
	108	0.042	14.301	-0.001
	109	0.007	15.222	-1.022
	110	-0.006	16.831	1.567
	111	-0.31	9.199	0.021
	112	0.021	18.514	0.001
	113	0.002	20.876	-1.022
	114	-0.008	20.947	1.566
	115	-0.306	9.137	0.018
	116	0.031	18.429	-0.001
	117	0.005	19.485	-1.023
	118	-0.006	20.731	1.566
8842	101	0.001	10.269	0.016
	102	-0.002	6.733	0.017
	103	-0.227	1.005	0.031
	104	0.103	9.399	0.017
	105	-0.016	-15.068	-2.832
	106	-0.001	36.75	2.087
	107	-0.296	-0.302	0.046
	108	0.119	10.925	0.012
	109	-0.003	-26.601	-4.782
	110	-0.002	53.947	3.509
	111	-0.326	-0.663	0.05
	112	0.144	11.779	0.017
	113	-0.011	-27.423	-4.761
	114	-0.002	55.386	3.494
	115	-0.3	2.32	0.048
	116	0.124	13.611	0.016
	117	-0.005	-23.828	-4.756
	118	-0.002	56.888	3.507
8843	101	0	33.529	0.006
	102	0	61.26	0.02
	103	-0.21	52.455	0.049
	104	0.097	62.756	0.019
	105	0	78.803	-1.722
	106	0.001	31.163	2.696
	107	-0.56	6.638	0.064
	108	0.384	33.277	0.006
	109	0	57.01	-3.093
	110	0.121	-27.131	4.343
	111	-0.492	36.445	0.077
	112	0.305	58.447	0.015
	113	0	84.206	-2.997
	114	0.039	0.459	4.402
	115	-0.535	15.707	0.064

	116	0.359	41.264	0.007
	117	0	65.542	-3.087
	118	0.114	-18.093	4.351
8926	101	0.003	9.395	-0.011
	102	0.002	11.825	-0.032
	103	-0.241	11.724	-0.012
	104	0.108	11.559	-0.026
	105	0.017	-10.344	-4.284
	106	-0.001	37.61	1.976
	107	-0.329	8.208	0.043
	108	0.138	7.227	-0.007
	109	0.013	-28.179	-6.736
	110	-0.001	50.293	3.496
	111	-0.357	11.577	-0.011
	112	0.154	10.712	-0.013
	113	0.024	-24.964	-7.001
	114	-0.002	54.19	3.416
	115	-0.34	10.665	0.022
	116	0.143	9.682	-0.01
	117	0.012	-26.018	-6.755
	118	-0.002	52.827	3.483
8930	101	0.001	9.518	-0.018
	102	0	9.925	-0.016
	103	-0.323	2.17	-0.037
	104	0.095	14.048	-0.013
	105	0.014	-12.123	-4.39
	106	-0.005	36.605	2.454
	107	-0.438	-5.48	-0.28
	108	0.123	12.397	-0.01
	109	0.01	-27.749	-7.235
	110	-0.007	50.923	4.219
	111	-0.478	-3.05	-0.151
	112	0.136	16.187	-0.012
	113	0.02	-25.342	-7.244
	114	-0.007	53.946	4.175
	115	-0.454	-3.222	-0.231
	116	0.126	14.923	-0.014
	117	0.008	-25.421	-7.22
	118	-0.007	53.425	4.2
8934	101	0	9.611	0.002
	102	-0.001	11.638	0.006
	103	-0.262	19.194	0.006
	104	0.07	7.457	0.004
	105	0.01	-10.486	-4.243
	106	-0.009	39.354	2.269

	107	-0.355	18.85	0.055
	108	0.092	1.965	0.025
	109	0.003	-30.935	-7.435
	110	-0.016	51.726	3.785
	111	-0.386	22.504	0.026
	112	0.101	4.868	0.001
	113	0.013	-26.834	-7.339
	114	-0.016	55.945	3.768
	115	-0.367	21.541	0.051
	116	0.094	4.446	0.016
	117	0.004	-28.167	-7.388
	118	-0.015	54.46	3.784
8938	101	0	8.529	0.004
	102	-0.002	6.53	0.021
	103	-0.172	6.778	0.017
	104	0.105	6.572	0.018
	105	0.014	-16.847	-4.559
	106	0.004	36.313	2.212
	107	-0.233	5.591	-0.038
	108	0.135	6.208	0.002
	109	0.013	-31.777	-7.822
	110	0.012	52.44	3.627
	111	-0.253	7.421	0.014
	112	0.15	7.276	0.012
	113	0.021	-31.274	-7.734
	114	0.01	54.712	3.658
	115	-0.241	8.008	-0.008
	116	0.139	8.406	0.003
	117	0.01	-29.603	-7.793
	118	0.01	54.748	3.627
8942	101	-0.008	9.157	-0.052
	102	-0.009	11.457	-0.035
	103	-0.079	4	-0.049
	104	0.09	15.183	-0.05
	105	0.001	1.397	-1.243
	106	0.016	33.09	1.965
	107	-0.103	-3.357	0.031
	108	0.121	12.775	-0.032
	109	0.01	-10.622	-1.932
	110	0.046	42.973	3.552
	111	-0.113	0.137	-0.019
	112	0.133	16.774	-0.052
	113	0.009	-6.289	-1.988
	114	0.041	46.995	3.474
	115	-0.109	-0.961	0.011

	116	0.123	15.301	-0.047
	117	0.002	-8.143	-1.949
	118	0.04	45.632	3.537
8946	101	-0.01	8.633	-0.146
	102	-0.015	11.19	-0.109
	103	-0.453	18.453	-0.144
	104	0.39	6.356	-0.14
	105	0.087	-4.633	-2.73
	106	-0.067	37.984	3.044
	107	-0.6	16.105	-0.125
	108	0.5	-0.429	-0.291
	109	0.095	-19.68	-4.872
	110	-0.108	49.014	4.753
	111	-0.66	20.965	-0.148
	112	0.557	3.524	-0.162
	113	0.14	-15.948	-4.701
	114	-0.113	53.744	4.881
	115	-0.624	18.529	-0.164
	116	0.514	1.861	-0.304
	117	0.09	-17.323	-4.903
	118	-0.107	51.437	4.716
9001	101	-0.003	2.171	-0.007
	102	-0.041	13.038	-0.005
	103	-0.348	15.62	-0.005
	104	-0.029	12.979	-0.005
	105	-0.095	15.33	-0.262
	106	-0.091	11.07	0.34
	107	-0.486	5.801	-0.005
	108	0.007	1.55	-0.001
	109	-0.086	5.286	-0.429
	110	-0.082	-1.581	0.554
	111	-0.525	13.963	-0.006
	112	-0.011	9.668	-0.005
	113	-0.116	13.505	-0.432
	114	-0.112	6.543	0.561
	115	-0.489	6.356	-0.006
	116	0.007	2.111	-0.004
	117	-0.087	5.853	-0.431
	118	-0.082	-1.053	0.553
9007	101	0	2.248	0.005
	102	-0.007	12.455	0.017
	103	-0.388	13.905	0.008
	104	0.019	12.51	0.017
	105	-0.002	14.576	-0.914
	106	-0.027	12.877	0.469

	107	-0.676	4.729	0.001
	108	0.036	1.154	0.01
	109	0.012	5.161	-1.517
	110	-0.039	3.11	0.731
	111	-0.664	12.04	0.005
	112	0.04	9.441	0.018
	113	0.005	13.025	-1.52
	114	-0.042	10.485	0.752
	115	-0.68	5.345	0.002
	116	0.04	1.737	0.011
	117	0.011	5.767	-1.517
	118	-0.038	3.677	0.734
9021	101	-0.009	0.984	-0.007
	102	-0.037	6.018	-0.008
	103	-0.324	6.3	-0.075
	104	-0.026	6.007	-0.008
	105	-0.064	6.585	-0.271
	106	-0.073	5.57	0.324
	107	-0.465	1.165	-0.099
	108	-0.002	0.701	0.001
	109	-0.05	1.651	-0.425
	110	-0.063	0.059	0.548
	111	-0.495	4.957	-0.11
	112	-0.013	4.475	-0.004
	113	-0.072	5.44	-0.435
	114	-0.088	3.805	0.545
	115	-0.469	1.424	-0.099
	116	-0.004	0.954	-0.001
	117	-0.052	1.912	-0.429
	118	-0.065	0.309	0.546
9022	101	0.002	2.923	0.005
	102	-0.022	6.216	0.004
	103	-0.594	0.919	-0.109
	104	0.037	7.904	0.006
	105	-0.042	5.713	-0.471
	106	-0.016	12.145	0.604
	107	-0.962	-6.697	-0.155
	108	0.092	4.735	0.018
	109	-0.029	1.227	-0.759
	110	0.003	12.152	0.997
	111	-0.974	-3.698	-0.168
	112	0.084	7.89	0.014
	113	-0.047	4.321	-0.77
	114	-0.011	15.118	0.999
	115	-0.966	-5.905	-0.152

	116	0.102	5.63	0.02
	117	-0.029	1.991	-0.761
	118	0.005	12.962	1
9043	101	0.001	2.136	0
	102	-0.02	12.873	0.005
	103	-0.256	14.401	0
	104	-0.002	12.732	0.006
	105	-0.026	13.428	-0.613
	106	-0.032	13.474	0.412
	107	-0.377	3.998	-0.002
	108	0.013	1.487	0.005
	109	-0.016	2.522	-1.011
	110	-0.022	2.362	0.655
	111	-0.396	12.114	-0.001
	112	0.003	9.533	0.007
	113	-0.028	10.594	-1.015
	114	-0.036	10.536	0.669
	115	-0.381	4.574	-0.002
	116	0.014	2.035	0.005
	117	-0.016	3.076	-1.012
	118	-0.021	2.936	0.657
9050	101	-0.01	1.232	-0.001
	102	-0.025	6.227	-0.003
	103	-0.227	6.386	-0.094
	104	-0.008	6.226	-0.002
	105	-0.028	6.182	-0.398
	106	-0.04	6.353	0.507
	107	-0.328	1.163	-0.128
	108	-0.002	0.918	0.01
	109	-0.016	0.845	-0.635
	110	-0.032	1.116	0.845
	111	-0.346	4.982	-0.141
	112	-0.006	4.734	0.006
	113	-0.028	4.658	-0.646
	114	-0.047	4.936	0.844
	115	-0.334	1.486	-0.127
	116	-0.004	1.236	0.011
	117	-0.018	1.164	-0.638
	118	-0.034	1.436	0.846
9055	101	0.011	1.843	0.001
	102	-0.017	2.741	0.01
	103	-0.195	3.287	0.005
	104	0.019	2.481	0.01
	105	-0.001	-2.642	-0.69
	106	0.055	4.124	0.385

	107	-0.281	2.178	0
	108	0.028	1.199	0.006
	109	-0.002	-7.448	-1.147
	110	0.091	3.355	0.605
	111	-0.298	3.412	0.003
	112	0.03	2.155	0.01
	113	-0.003	-6.395	-1.148
	114	0.09	4.574	0.62
	115	-0.285	2.702	0
	116	0.033	1.654	0.006
	117	0	-6.983	-1.147
	118	0.094	3.831	0.607
9062	101	-0.037	1.067	0.001
	102	-0.051	1.194	0
	103	-0.192	1.002	-0.095
	104	-0.03	1.302	0.002
	105	-0.088	-2.149	-0.462
	106	-0.02	3.608	0.509
	107	-0.25	0.437	-0.132
	108	-0.023	1.007	0.013
	109	-0.12	-4.632	-0.743
	110	-0.008	4.506	0.845
	111	-0.271	0.842	-0.144
	112	-0.03	1.388	0.009
	113	-0.127	-4.332	-0.754
	114	-0.014	4.992	0.846
	115	-0.265	0.718	-0.13
	116	-0.032	1.294	0.014
	117	-0.13	-4.379	-0.746
	118	-0.018	4.799	0.847
9155	101	0	12.546	-0.003
	102	0	18.299	-0.011
	103	-0.239	17.529	-0.128
	104	0.01	18.789	-0.005
	105	0	18.235	-0.618
	106	0	18.993	1.825
	107	-0.403	8	-0.146
	108	0.018	9.934	0.022
	109	0	9.195	-0.973
	110	-0.004	10.487	3.081
	111	-0.401	15.279	-0.182
	112	0.017	17.29	0.009
	113	0	16.478	-0.994
	114	-0.002	17.759	3.065
	115	-0.403	11.246	-0.153

	116	0.017	13.189	0.02
	117	0	12.446	-0.981
	118	-0.004	13.727	3.079
9156	101	0	12.468	-0.003
	102	0	18.213	-0.01
	103	-0.243	17.563	-0.129
	104	0.008	18.674	-0.003
	105	0.001	18.283	-0.664
	106	0	19.024	1.426
	107	-0.411	8.047	-0.155
	108	0.014	9.824	0.021
	109	0	9.315	-1.052
	110	-0.005	10.618	2.399
	111	-0.409	15.335	-0.185
	112	0.014	17.144	0.011
	113	0.001	16.587	-1.072
	114	-0.002	17.883	2.39
	115	-0.411	11.284	-0.158
	116	0.014	13.066	0.02
	117	0.001	12.558	-1.058
	118	-0.004	13.851	2.398
9157	101	0	12.983	-0.014
	102	0	24.35	-0.042
	103	-0.038	24.271	-0.065
	104	0.011	24.357	-0.02
	105	0	24.235	-0.75
	106	-0.003	24.902	1.94
	107	-0.067	9.533	-0.091
	108	0.019	9.689	0.006
	109	-0.001	9.524	-1.128
	110	-0.009	10.611	3.38
	111	-0.066	20.835	-0.088
	112	0.019	20.97	-0.008
	113	0	20.789	-1.173
	114	-0.006	21.892	3.33
	115	-0.067	12.9	-0.086
	116	0.019	13.056	0.007
	117	0	12.874	-1.144
	118	-0.008	13.967	3.372
9158	101	0	12.93	-0.011
	102	0	24.308	-0.037
	103	-0.032	24.258	-0.065
	104	0.009	24.301	-0.016
	105	0	24.309	-0.816
	106	-0.002	24.921	1.545

	107	-0.059	9.532	-0.099
	108	0.015	9.63	0.007
	109	0	9.64	-1.234
	110	-0.008	10.685	2.678
	111	-0.057	20.826	-0.093
	112	0.015	20.903	-0.006
	113	0	20.913	-1.28
	114	-0.005	21.961	2.644
	115	-0.059	12.89	-0.092
	116	0.015	12.981	0.007
	117	0	12.987	-1.251
	118	-0.007	14.034	2.673
9159	101	0	12.853	-0.009
	102	0	22.782	-0.024
	103	-0.034	23.401	0.001
	104	0.013	22.546	-0.019
	105	0	22.921	-0.784
	106	0.001	22.45	1.87
	107	-0.062	10.508	0.035
	108	0.022	9.146	0.008
	109	0	9.777	-1.201
	110	-0.002	9.077	3.176
	111	-0.061	20.81	0.014
	112	0.022	19.425	-0.012
	113	0	20.049	-1.242
	114	0	19.315	3.16
	115	-0.062	13.844	0.03
	116	0.022	12.471	0.002
	117	0	13.116	-1.212
	118	-0.002	12.411	3.171
9160	101	0	12.803	-0.008
	102	0	22.757	-0.019
	103	-0.026	23.277	0.003
	104	0.01	22.495	-0.014
	105	0	22.947	-0.732
	106	-0.003	22.476	1.871
	107	-0.051	10.377	0.036
	108	0.018	9.079	0.008
	109	0	9.833	-1.129
	110	-0.009	9.234	3.172
	111	-0.048	20.656	0.015
	112	0.018	19.358	-0.008
	113	0	20.111	-1.165
	114	-0.006	19.428	3.158
	115	-0.05	13.696	0.031

	116	0.017	12.385	0.002
	117	0	13.16	-1.138
	118	-0.008	12.54	3.168
9161	101	0	13.01	-0.001
	102	0	23.412	-0.006
	103	-0.03	23.17	0.015
	104	0.01	23.558	-0.003
	105	0	23.531	-0.661
	106	-0.004	23.028	1.904
	107	-0.057	9.191	0.083
	108	0.02	9.96	0.004
	109	0.001	9.828	-1.081
	110	-0.011	9.136	3.207
	111	-0.055	19.861	0.055
	112	0.019	20.588	0.002
	113	0.001	20.495	-1.089
	114	-0.008	19.752	3.192
	115	-0.057	12.556	0.074
	116	0.019	13.329	0.006
	117	0.001	13.212	-1.079
	118	-0.01	12.516	3.204
9162	101	0	12.914	-0.001
	102	0	23.227	-0.005
	103	-0.024	22.985	0.017
	104	0.008	23.359	-0.001
	105	0	23.555	-0.619
	106	0.004	22.747	1.884
	107	-0.048	9.127	0.082
	108	0.016	9.843	0.005
	109	0	10.052	-1.012
	110	0.002	9.03	3.168
	111	-0.045	19.71	0.056
	112	0.015	20.386	0.003
	113	0	20.654	-1.019
	114	0.006	19.5	3.156
	115	-0.047	12.471	0.073
	116	0.015	13.186	0.006
	117	0	13.412	-1.009
	118	0.003	12.361	3.165
9163	101	0	13.202	0.002
	102	0	25.159	-0.002
	103	-0.026	25.442	0.008
	104	0.009	25.032	0.005
	105	0	25.274	-0.648
	106	0	24.731	1.94

	107	-0.051	10.328	0.022
	108	0.019	9.511	0.019
	109	0	10.028	-1.072
	110	-0.004	9.056	3.233
	111	-0.048	22.09	0.016
	112	0.018	21.322	0.014
	113	0	21.78	-1.078
	114	-0.002	20.822	3.228
	115	-0.05	13.744	0.02
	116	0.018	12.936	0.02
	117	0	13.451	-1.067
	118	-0.003	12.473	3.237
9164	101	0	13.084	0.002
	102	0	24.939	0
	103	-0.021	25.212	0.01
	104	0.007	24.829	0.007
	105	0	25.28	-0.609
	106	-0.001	24.438	1.921
	107	-0.043	10.197	0.022
	108	0.015	9.44	0.018
	109	0	10.248	-1.006
	110	-0.005	8.977	3.194
	111	-0.04	21.865	0.017
	112	0.014	21.148	0.014
	113	0	21.929	-1.012
	114	-0.003	20.6	3.192
	115	-0.042	13.584	0.02
	116	0.014	12.836	0.019
	117	0	13.642	-1.001
	118	-0.005	12.36	3.198
9165	101	0	13.185	0.004
	102	0	25.242	0.003
	103	-0.024	25.253	0.013
	104	0.008	25.238	0.009
	105	0	25.39	-0.614
	106	-0.001	24.841	1.867
	107	-0.047	9.781	0.031
	108	0.019	9.774	0.008
	109	0	10.013	-1.035
	110	-0.004	9.124	3.092
	111	-0.044	21.635	0.021
	112	0.017	21.621	0.011
	113	0	21.864	-1.033
	114	-0.002	20.972	3.094
	115	-0.046	13.202	0.031

	116	0.018	13.19	0.011
	117	0	13.44	-1.033
	118	-0.003	12.549	3.096
9166	101	0	13.065	0.004
	102	0	25	0.005
	103	-0.019	25.004	0.015
	104	0.007	25.004	0.01
	105	0	25.347	-0.578
	106	-0.001	24.541	1.849
	107	-0.039	9.687	0.031
	108	0.015	9.675	0.008
	109	0	10.205	-0.972
	110	-0.004	9.08	3.055
	111	-0.036	21.41	0.022
	112	0.014	21.405	0.012
	113	0	21.962	-0.971
	114	-0.002	20.752	3.06
	115	-0.038	13.075	0.031
	116	0.014	13.06	0.011
	117	0	13.602	-0.969
	118	-0.003	12.459	3.06
9167	101	0	13.214	0.005
	102	0	25.272	0.006
	103	-0.022	25.113	0.034
	104	0.008	25.341	0.009
	105	0	25.432	-0.603
	106	-0.001	24.889	1.866
	107	-0.044	9.403	0.07
	108	0.019	10.029	0.006
	109	0	10.03	-1.035
	110	-0.003	9.125	3.088
	111	-0.041	21.302	0.07
	112	0.017	21.834	0.01
	113	0	21.901	-1.025
	114	-0.001	21.018	3.094
	115	-0.043	12.846	0.067
	116	0.019	13.443	0.009
	117	0	13.465	-1.033
	118	-0.003	12.559	3.093
9168	101	0	13.096	0.005
	102	0	25.028	0.008
	103	-0.018	24.86	0.036
	104	0.006	25.1	0.011
	105	0	25.382	-0.568
	106	-0.001	24.568	1.848

	107	-0.037	9.33	0.069
	108	0.015	9.905	0.007
	109	0	10.221	-0.972
	110	-0.003	9.065	3.051
	111	-0.034	21.101	0.071
	112	0.013	21.607	0.011
	113	0	21.994	-0.965
	114	-0.001	20.774	3.06
	115	-0.036	12.742	0.067
	116	0.014	13.289	0.009
	117	0	13.626	-0.97
	118	-0.003	12.455	3.057
9169	101	0	13.213	0.006
	102	0	25.259	0.01
	103	-0.021	25.425	0.012
	104	0.008	25.209	0.016
	105	0	25.474	-0.598
	106	-0.001	24.917	1.813
	107	-0.042	10.263	0.015
	108	0.02	9.611	0.014
	109	0	10.049	-1.036
	110	-0.002	9.235	2.987
	111	-0.039	22.042	0.018
	112	0.018	21.5	0.017
	113	0	21.936	-1.023
	114	-0.001	21.047	2.992
	115	-0.042	13.672	0.017
	116	0.02	13.046	0.015
	117	0	13.482	-1.034
	118	-0.002	12.652	2.99
9170	101	0	13.097	0.006
	102	0	25.021	0.011
	103	-0.017	25.175	0.014
	104	0.006	24.962	0.017
	105	0	25.396	-0.564
	106	-0.001	24.599	1.795
	107	-0.036	10.118	0.015
	108	0.016	9.519	0.013
	109	0	10.236	-0.974
	110	-0.003	9.203	2.951
	111	-0.033	21.79	0.019
	112	0.014	21.291	0.018
	113	0	22.012	-0.963
	114	-0.001	20.818	2.959
	115	-0.035	13.497	0.017

	116	0.015	12.922	0.014
	117	0	13.642	-0.971
	118	-0.003	12.573	2.954
9171	101	0	13.197	0.007
	102	0	25.288	0.02
	103	-0.02	25.279	0.032
	104	0.007	25.281	0.03
	105	0	25.591	-0.571
	106	-0.001	24.964	1.817
	107	-0.042	9.786	0.031
	108	0.019	9.795	0.012
	109	0	10.038	-1.038
	110	-0.003	9.163	2.951
	111	-0.039	21.65	0.041
	112	0.016	21.654	0.029
	113	0	22.017	-1.004
	114	-0.001	21.078	2.981
	115	-0.042	13.203	0.034
	116	0.018	13.215	0.017
	117	0	13.473	-1.038
	118	-0.002	12.591	2.961
9172	101	0	13.058	0.007
	102	0	24.947	0.021
	103	-0.016	24.926	0.034
	104	0.005	24.941	0.032
	105	0	25.381	-0.542
	106	-0.001	24.532	1.799
	107	-0.035	9.659	0.031
	108	0.014	9.675	0.012
	109	0	10.207	-0.976
	110	-0.003	9.107	2.915
	111	-0.032	21.346	0.042
	112	0.013	21.366	0.03
	113	0	21.995	-0.947
	114	-0.001	20.757	2.948
	115	-0.034	13.042	0.034
	116	0.014	13.059	0.016
	117	0	13.608	-0.975
	118	-0.002	12.483	2.925
9173	101	0	13.194	0.006
	102	0	25.271	0.014
	103	-0.02	25.037	0.038
	104	0.006	25.333	0.015
	105	0	25.541	-0.594
	106	-0.001	24.961	1.773

	107	-0.043	9.348	0.037
	108	0.018	10.07	0.006
	109	0	10.021	-1.053
	110	-0.003	9.269	2.932
	111	-0.04	21.238	0.052
	112	0.015	21.856	0.013
	113	0	21.97	-1.028
	114	-0.001	21.103	2.938
	115	-0.042	12.76	0.04
	116	0.017	13.481	0.009
	117	0	13.456	-1.053
	118	-0.002	12.687	2.932
9174	101	0	13.08	0.006
	102	0	24.988	0.016
	103	-0.016	24.756	0.04
	104	0.004	25.064	0.017
	105	0	25.408	-0.562
	106	-0.001	24.57	1.755
	107	-0.036	9.261	0.036
	108	0.014	9.944	0.007
	109	0	10.213	-0.99
	110	-0.003	9.21	2.896
	111	-0.033	21.004	0.052
	112	0.012	21.612	0.014
	113	0	22.014	-0.969
	114	-0.001	20.813	2.905
	115	-0.035	12.645	0.039
	116	0.013	13.324	0.009
	117	0	13.621	-0.989
	118	-0.002	12.58	2.896
9175	101	0	13.196	0.005
	102	0	25.259	0.011
	103	-0.018	25.545	0.011
	104	0.005	25.204	0.02
	105	0	25.488	-0.631
	106	-0.001	24.935	1.753
	107	-0.039	10.335	0.009
	108	0.017	9.537	0.015
	109	0	10.029	-1.053
	110	-0.002	9.122	2.905
	111	-0.036	22.17	0.013
	112	0.014	21.448	0.023
	113	0	21.937	-1.054
	114	-0.001	21.052	2.92
	115	-0.038	13.75	0.012

	116	0.016	12.968	0.017
	117	0	13.459	-1.056
	118	-0.002	12.549	2.909
9176	101	0	13.083	0.005
	102	0	25.009	0.012
	103	-0.015	25.268	0.013
	104	0.004	24.93	0.021
	105	0	25.406	-0.596
	106	-0.001	24.583	1.736
	107	-0.033	10.191	0.009
	108	0.013	9.467	0.014
	109	0	10.232	-0.989
	110	-0.002	9.083	2.87
	111	-0.03	21.903	0.014
	112	0.011	21.231	0.023
	113	0	22.014	-0.992
	114	-0.001	20.791	2.888
	115	-0.032	13.575	0.012
	116	0.012	12.865	0.016
	117	0	13.633	-0.991
	118	-0.002	12.469	2.874
9177	101	0	13.175	0.006
	102	0	25.227	0.009
	103	-0.017	25.246	0.013
	104	0.005	25.23	0.012
	105	0	25.441	-0.627
	106	-0.001	24.91	1.706
	107	-0.037	9.802	0.011
	108	0.017	9.764	0.006
	109	0	10.007	-1.038
	110	-0.002	9.165	2.84
	111	-0.033	21.638	0.014
	112	0.014	21.606	0.011
	113	0	21.902	-1.037
	114	-0.001	21.054	2.842
	115	-0.036	13.218	0.014
	116	0.016	13.179	0.009
	117	0	13.434	-1.041
	118	-0.002	12.592	2.842
9178	101	0	13.061	0.005
	102	0	25	0.011
	103	-0.013	25.007	0.015
	104	0.004	24.999	0.014
	105	0	25.373	-0.591
	106	-0.001	24.576	1.69

	107	-0.031	9.693	0.011
	108	0.013	9.675	0.006
	109	0	10.199	-0.975
	110	-0.002	9.112	2.805
	111	-0.028	21.421	0.015
	112	0.011	21.407	0.012
	113	0	21.978	-0.976
	114	-0.001	20.799	2.81
	115	-0.03	13.08	0.014
	116	0.012	13.06	0.009
	117	0	13.597	-0.977
	118	-0.002	12.494	2.807
9179	101	0	13.192	0.005
	102	0	25.267	0.009
	103	-0.015	25.076	0.031
	104	0.005	25.34	0.009
	105	0	25.518	-0.612
	106	-0.001	24.933	1.717
	107	-0.035	9.354	0.039
	108	0.018	10.035	0.004
	109	0	10.013	-1.039
	110	-0.002	9.15	2.847
	111	-0.032	21.26	0.046
	112	0.014	21.843	0.008
	113	0	21.958	-1.029
	114	-0.001	21.07	2.851
	115	-0.034	12.784	0.042
	116	0.017	13.444	0.006
	117	0	13.448	-1.041
	118	-0.002	12.58	2.848
9180	101	0	13.06	0.005
	102	0	24.965	0.011
	103	-0.013	24.778	0.033
	104	0.004	25.05	0.01
	105	0	25.374	-0.579
	106	-0.001	24.554	1.701
	107	-0.029	9.291	0.039
	108	0.014	9.91	0.004
	109	0	10.204	-0.976
	110	-0.002	9.092	2.812
	111	-0.026	21.031	0.047
	112	0.011	21.584	0.01
	113	0	21.982	-0.969
	114	-0.001	20.792	2.819
	115	-0.028	12.687	0.041

	116	0.013	13.287	0.006
	117	0	13.605	-0.978
	118	-0.001	12.48	2.813
9181	101	0	13.183	0.005
	102	0	25.256	0.008
	103	-0.015	25.459	0.008
	104	0.005	25.206	0.012
	105	0	25.469	-0.626
	106	-0.001	24.919	1.674
	107	-0.034	10.263	0.009
	108	0.019	9.569	0.006
	109	0	10.015	-1.04
	110	-0.001	9.263	2.815
	111	-0.031	22.069	0.01
	112	0.015	21.476	0.015
	113	0	21.92	-1.042
	114	-0.001	21.07	2.796
	115	-0.034	13.669	0.01
	116	0.018	12.995	0.008
	117	0	13.441	-1.043
	118	-0.001	12.673	2.811
9182	101	0	13.058	0.005
	102	0	24.965	0.009
	103	-0.012	25.164	0.01
	104	0.004	24.889	0.013
	105	0	25.36	-0.591
	106	-0.001	24.568	1.658
	107	-0.029	10.118	0.009
	108	0.015	9.474	0.005
	109	0	10.205	-0.976
	110	-0.001	9.218	2.78
	111	-0.026	21.788	0.011
	112	0.012	21.215	0.016
	113	0	21.972	-0.981
	114	-0.001	20.81	2.764
	115	-0.028	13.491	0.011
	116	0.014	12.863	0.008
	117	0	13.606	-0.979
	118	-0.001	12.585	2.777
9183	101	0	13.17	0.005
	102	0	25.23	0.007
	103	-0.015	25.236	0.01
	104	0.004	25.239	0.009
	105	0	25.397	-0.644
	106	-0.001	24.877	1.661

	107	-0.035	9.779	0.01
	108	0.018	9.776	0.004
	109	0	9.985	-1.034
	110	-0.001	9.185	2.792
	111	-0.031	21.624	0.01
	112	0.014	21.621	0.009
	113	0	21.853	-1.05
	114	-0.001	21.033	2.781
	115	-0.034	13.19	0.013
	116	0.017	13.19	0.006
	117	0	13.405	-1.039
	118	-0.001	12.603	2.794
9184	101	0	13.038	0.005
	102	0	24.96	0.008
	103	-0.012	24.952	0.012
	104	0.003	24.96	0.011
	105	0	25.319	-0.607
	106	0	24.519	1.645
	107	-0.029	9.657	0.01
	108	0.013	9.661	0.004
	109	0	10.174	-0.97
	110	-0.001	9.114	2.759
	111	-0.026	21.365	0.011
	112	0.011	21.373	0.01
	113	0	21.927	-0.987
	114	0	20.762	2.75
	115	-0.028	13.035	0.013
	116	0.013	13.04	0.006
	117	0	13.568	-0.975
	118	-0.001	12.49	2.76
9185	101	0	13.186	0.004
	102	0	25.225	0.007
	103	-0.016	24.992	0.021
	104	0.004	25.306	0.007
	105	0	25.453	-0.633
	106	-0.001	24.922	1.675
	107	-0.036	9.355	0.022
	108	0.016	10.062	0.002
	109	0	10.003	-1.039
	110	-0.002	9.307	2.821
	111	-0.033	21.197	0.03
	112	0.013	21.831	0.006
	113	0	21.896	-1.044
	114	-0.001	21.092	2.804
	115	-0.036	12.763	0.025

	116	0.016	13.469	0.004
	117	0	13.432	-1.041
	118	-0.001	12.717	2.815
9186	101	0	13.057	0.004
	102	0	24.962	0.009
	103	-0.013	24.726	0.023
	104	0.003	25.045	0.008
	105	0	25.353	-0.597
	106	0	24.548	1.659
	107	-0.03	9.268	0.022
	108	0.013	9.932	0.003
	109	0	10.194	-0.975
	110	-0.002	9.2	2.787
	111	-0.027	20.984	0.031
	112	0.01	21.589	0.007
	113	0	21.966	-0.982
	114	0	20.794	2.772
	115	-0.029	12.644	0.025
	116	0.012	13.306	0.004
	117	0	13.596	-0.977
	118	-0.001	12.569	2.781
9187	101	0	13.178	0.003
	102	0	25.208	0.006
	103	-0.014	25.474	0.007
	104	0.003	25.141	0.011
	105	0	25.514	-0.611
	106	0	24.913	1.676
	107	-0.033	10.316	0.007
	108	0.016	9.526	0.004
	109	0	10.017	-1.029
	110	-0.001	9.165	2.787
	111	-0.03	22.103	0.008
	112	0.012	21.399	0.013
	113	0	21.968	-1.011
	114	0	21.091	2.796
	115	-0.032	13.725	0.008
	116	0.015	12.95	0.006
	117	0	13.451	-1.028
	118	-0.001	12.599	2.787
9188	101	0	13.054	0.003
	102	0	24.954	0.008
	103	-0.012	25.206	0.009
	104	0.002	24.877	0.012
	105	0	25.386	-0.579
	106	0	24.577	1.661

	107	-0.028	10.172	0.007
	108	0.012	9.452	0.004
	109	0	10.204	-0.966
	110	-0.001	9.092	2.753
	111	-0.025	21.846	0.01
	112	0.009	21.185	0.014
	113	0	21.998	-0.953
	114	0	20.811	2.766
	115	-0.027	13.548	0.008
	116	0.011	12.844	0.005
	117	0	13.606	-0.965
	118	-0.001	12.479	2.754
9189	101	0	13.139	0.003
	102	0	25.186	0.007
	103	-0.013	25.201	0.01
	104	0.003	25.188	0.008
	105	0	25.492	-0.605
	106	0	24.895	1.643
	107	-0.031	9.763	0.008
	108	0.016	9.744	0.002
	109	0	9.983	-1.021
	110	-0.001	9.197	2.712
	111	-0.028	21.588	0.011
	112	0.012	21.566	0.008
	113	0	21.927	-1.003
	114	0	21.095	2.72
	115	-0.03	13.17	0.01
	116	0.015	13.15	0.004
	117	0	13.408	-1.024
	118	-0.001	12.623	2.714
9190	101	0	13.027	0.003
	102	0	24.924	0.009
	103	-0.011	24.931	0.012
	104	0.002	24.922	0.01
	105	0	25.37	-0.574
	106	0	24.566	1.627
	107	-0.026	9.664	0.008
	108	0.012	9.654	0.002
	109	0	10.177	-0.959
	110	-0.001	9.114	2.679
	111	-0.023	21.353	0.012
	112	0.009	21.342	0.009
	113	0	21.979	-0.946
	114	0	20.809	2.69
	115	-0.025	13.042	0.01

	116	0.011	13.031	0.004
	117	0	13.573	-0.961
	118	-0.001	12.494	2.681
9191	101	0	13.169	0.003
	102	0	25.223	0.008
	103	-0.012	25.046	0.022
	104	0.003	25.304	0.005
	105	0	25.509	-0.629
	106	0	24.903	1.638
	107	-0.03	9.351	0.029
	108	0.017	10.031	0.001
	109	0	9.989	-1.033
	110	-0.001	9.192	2.728
	111	-0.027	21.237	0.037
	112	0.012	21.817	0.004
	113	0	21.92	-1.044
	114	0	21.115	2.728
	115	-0.029	12.773	0.029
	116	0.016	13.436	0.002
	117	0	13.418	-1.041
	118	-0.001	12.624	2.729
9192	101	0	13.067	0.002
	102	0	24.986	0.01
	103	-0.01	24.803	0.024
	104	0.002	25.073	0.007
	105	0	25.434	-0.595
	106	0	24.601	1.622
	107	-0.025	9.297	0.029
	108	0.013	9.925	0.002
	109	0	10.204	-0.97
	110	-0.001	9.093	2.695
	111	-0.023	21.056	0.037
	112	0.009	21.604	0.005
	113	0	22.029	-0.984
	114	0	20.84	2.698
	115	-0.025	12.695	0.028
	116	0.012	13.303	0.003
	117	0	13.61	-0.977
	118	-0.001	12.483	2.696
9193	101	0	13.177	0.004
	102	0	25.239	0.011
	103	-0.012	25.45	0.01
	104	0.004	25.171	0.011
	105	0	25.53	-0.618
	106	0	24.92	1.643

	107	-0.03	10.26	0.008
	108	0.018	9.547	0.003
	109	0	10.013	-1.03
	110	-0.001	9.308	2.725
	111	-0.027	22.058	0.011
	112	0.013	21.436	0.01
	113	0	21.952	-1.032
	114	0	21.135	2.725
	115	-0.029	13.662	0.009
	116	0.017	12.968	0.005
	117	0	13.445	-1.034
	118	-0.001	12.722	2.722
9194	101	0	13.067	0.003
	102	0	24.99	0.013
	103	-0.01	25.176	0.012
	104	0.002	24.92	0.013
	105	0	25.442	-0.586
	106	0	24.606	1.626
	107	-0.025	10.116	0.008
	108	0.013	9.473	0.002
	109	0	10.215	-0.967
	110	0	9.21	2.691
	111	-0.023	21.796	0.013
	112	0.01	21.238	0.011
	113	0	22.04	-0.973
	114	0	20.847	2.694
	115	-0.025	13.49	0.01
	116	0.012	12.866	0.004
	117	0	13.623	-0.971
	118	0	12.575	2.689
9195	101	0	13.163	0.005
	102	0	25.285	0.021
	103	-0.013	25.293	0.033
	104	0.003	25.287	0.014
	105	0	25.588	-0.558
	106	0	24.988	1.684
	107	-0.031	9.783	0.014
	108	0.016	9.762	0.002
	109	0	10.029	-1.007
	110	-0.001	9.242	2.732
	111	-0.027	21.668	0.029
	112	0.012	21.648	0.009
	113	0	22.068	-0.969
	114	0	21.167	2.759
	115	-0.03	13.191	0.018

	116	0.015	13.174	0.003
	117	0	13.468	-1.007
	118	-0.001	12.668	2.737
9196	101	0	13.011	0.005
	102	0	24.907	0.023
	103	-0.011	24.892	0.035
	104	0.002	24.913	0.016
	105	0	25.355	-0.534
	106	0	24.511	1.669
	107	-0.026	9.637	0.014
	108	0.012	9.639	0.002
	109	0	10.186	-0.946
	110	-0.001	9.098	2.699
	111	-0.023	21.323	0.03
	112	0.009	21.336	0.01
	113	0	21.991	-0.917
	114	0	20.757	2.729
	115	-0.025	13.007	0.018
	116	0.011	13.011	0.003
	117	0	13.585	-0.946
	118	0	12.47	2.704
9197	101	0	13.163	0.004
	102	0	25.233	0.014
	103	-0.014	24.986	0.048
	104	0.002	25.327	0.007
	105	0	25.434	-0.623
	106	0	24.897	1.679
	107	-0.032	9.324	0.022
	108	0.014	10.065	0.001
	109	0	9.99	-1.034
	110	-0.001	9.312	2.777
	111	-0.029	21.193	0.048
	112	0.01	21.855	0.004
	113	0	21.891	-1.033
	114	-0.001	21.084	2.774
	115	-0.032	12.725	0.026
	116	0.013	13.469	0.001
	117	0	13.416	-1.036
	118	-0.001	12.719	2.773
9198	101	0	13.034	0.004
	102	0	24.951	0.016
	103	-0.011	24.719	0.05
	104	0.001	25.055	0.01
	105	0	25.334	-0.588
	106	0	24.46	1.663

	107	-0.027	9.248	0.022
	108	0.011	9.933	0.001
	109	0	10.192	-0.97
	110	0	9.149	2.743
	111	-0.025	20.978	0.049
	112	0.008	21.605	0.005
	113	0	21.953	-0.972
	114	0	20.712	2.743
	115	-0.027	12.618	0.025
	116	0.01	13.304	0.002
	117	0	13.592	-0.972
	118	0	12.505	2.739
9199	101	0	13.164	0.003
	102	0	25.201	0.01
	103	-0.012	25.472	0.013
	104	0.002	25.127	0.01
	105	0	25.359	-0.722
	106	0	24.89	1.768
	107	-0.03	10.293	0.006
	108	0.013	9.505	0.002
	109	0	9.976	-1.148
	110	-0.001	9.212	2.952
	111	-0.027	22.107	0.012
	112	0.009	21.388	0.01
	113	0	21.824	-1.175
	114	0	21.08	2.95
	115	-0.029	13.7	0.008
	116	0.012	12.924	0.003
	117	0	13.397	-1.154
	118	-0.001	12.638	2.952
9200	101	0	13.044	0.003
	102	0	24.961	0.012
	103	-0.011	25.203	0.015
	104	0.001	24.873	0.012
	105	0	25.314	-0.678
	106	-0.002	24.462	1.753
	107	-0.025	10.155	0.007
	108	0.01	9.433	0.001
	109	0	10.185	-1.076
	110	-0.003	9.028	2.92
	111	-0.023	21.846	0.013
	112	0.007	21.18	0.011
	113	0	21.93	-1.103
	114	-0.003	20.68	2.922
	115	-0.024	13.529	0.008

	116	0.009	12.82	0.003
	117	0	13.58	-1.081
	118	-0.003	12.397	2.92
9201	101	0	13.064	0.001
	102	0	25.014	0.004
	103	-0.001	25.034	0.007
	104	-0.001	25.01	0.003
	105	-0.001	25.138	-0.21
	106	0.001	24.864	0.409
	107	-0.007	9.711	0.003
	108	0.005	9.679	0
	109	-0.001	9.857	-0.333
	110	0.002	9.444	0.673
	111	-0.005	21.464	0.007
	112	0.003	21.42	0.003
	113	-0.001	21.611	-0.341
	114	0.002	21.188	0.677
	115	-0.007	13.098	0.004
	116	0.004	13.065	0.001
	117	-0.001	13.256	-0.335
	118	0.002	12.845	0.673
9202	101	0	12.944	0.002
	102	0	24.801	0.006
	103	-0.001	24.811	0.009
	104	-0.001	24.806	0.005
	105	0.001	25.057	-0.198
	106	-0.001	24.374	0.417
	107	-0.006	9.609	0.003
	108	0.004	9.586	0
	109	0.001	9.979	-0.318
	110	-0.001	9.098	0.683
	111	-0.005	21.258	0.008
	112	0.002	21.24	0.004
	113	0.001	21.651	-0.325
	114	-0.001	20.66	0.688
	115	-0.006	12.964	0.004
	116	0.003	12.94	0.001
	117	0.001	13.352	-0.319
	118	-0.001	12.442	0.684
9203	101	0	13.214	0.003
	102	0	25.422	0.026
	103	-0.022	25.261	0.081
	104	0.012	25.49	0.007
	105	-0.001	25.619	-0.593
	106	0.001	25.274	1.838

	107	-0.039	9.451	0.039
	108	0.029	9.999	0
	109	-0.002	10.008	-1.048
	110	0.004	9.49	2.976
	111	-0.038	21.449	0.081
	112	0.026	21.912	0.004
	113	-0.002	22.049	-1.018
	114	0.002	21.472	3.022
	115	-0.039	12.88	0.04
	116	0.029	13.416	0.001
	117	-0.002	13.459	-1.048
	118	0.004	12.937	2.977
9204	101	0	13.083	0.003
	102	0	25.11	0.028
	103	-0.02	24.943	0.085
	104	0.01	25.194	0.01
	105	0	25.472	-0.532
	106	-0.001	24.69	1.842
	107	-0.034	9.379	0.039
	108	0.023	9.897	0.001
	109	0.001	10.19	-0.936
	110	0.001	8.981	2.97
	111	-0.034	21.197	0.085
	112	0.021	21.67	0.006
	113	0.001	22.068	-0.91
	114	-0.001	20.833	3.022
	115	-0.035	12.777	0.04
	116	0.023	13.285	0.001
	117	0.001	13.604	-0.935
	118	0.001	12.379	2.972
9205	101	0	13.118	0.002
	102	0	25.266	0.008
	103	-0.022	25.432	0.011
	104	0.014	25.217	0.016
	105	0	25.479	-0.537
	106	-0.001	25.12	1.647
	107	-0.039	10.176	0.006
	108	0.031	9.535	0
	109	0	9.942	-0.937
	110	0.001	9.516	2.679
	111	-0.039	22.003	0.012
	112	0.028	21.477	0.01
	113	0	21.929	-0.909
	114	-0.001	21.337	2.714
	115	-0.039	13.566	0.007

	116	0.031	12.942	0.001
	117	0	13.365	-0.935
	118	0	12.913	2.682
9206	101	0	12.999	0.003
	102	0	24.963	0.011
	103	-0.021	25.14	0.013
	104	0.011	24.881	0.018
	105	0	25.352	-0.479
	106	-0.001	24.581	1.649
	107	-0.035	10.031	0.007
	108	0.024	9.448	0
	109	0	10.141	-0.835
	110	0.001	9.114	2.671
	111	-0.035	21.727	0.014
	112	0.022	21.199	0.011
	113	0	21.968	-0.81
	114	-0.001	20.778	2.71
	115	-0.035	13.39	0.008
	116	0.024	12.821	0.001
	117	0	13.534	-0.833
	118	0	12.461	2.675
9207	101	0	13.1	0.003
	102	0	25.221	0.002
	103	-0.024	25.22	0.007
	104	0.012	25.232	0.002
	105	0	25.432	-0.56
	106	-0.001	25.067	1.592
	107	-0.04	9.725	0.012
	108	0.028	9.722	0
	109	0	9.898	-0.929
	110	0.001	9.428	2.624
	111	-0.04	21.583	0.02
	112	0.025	21.597	0
	113	0	21.855	-0.927
	114	-0.001	21.301	2.645
	115	-0.041	13.118	0.016
	116	0.028	13.118	0
	117	0	13.312	-0.929
	118	0.001	12.836	2.632
9208	101	0	12.986	0.003
	102	0	24.976	0.005
	103	-0.022	24.974	0.009
	104	0.009	24.977	0.004
	105	0	25.377	-0.498
	106	-0.001	24.583	1.595

	107	-0.036	9.613	0.013
	108	0.022	9.62	0
	109	0	10.122	-0.827
	110	0.001	9.012	2.616
	111	-0.036	21.358	0.022
	112	0.02	21.375	0.002
	113	0	21.966	-0.826
	114	-0.001	20.744	2.642
	115	-0.036	12.976	0.017
	116	0.022	12.986	0.001
	117	0	13.509	-0.826
	118	0.001	12.372	2.625
9209	101	0	13.143	0.003
	102	0	25.284	0
	103	-0.026	25.064	0.011
	104	0.011	25.393	-0.002
	105	0	25.483	-0.572
	106	-0.001	25.12	1.561
	107	-0.043	9.34	0.032
	108	0.026	10.043	0
	109	0	9.927	-0.929
	110	0.001	9.533	2.644
	111	-0.044	21.242	0.038
	112	0.023	21.894	-0.002
	113	0	21.881	-0.942
	114	-0.001	21.387	2.614
	115	-0.044	12.737	0.033
	116	0.026	13.443	0.001
	117	0	13.352	-0.929
	118	0.001	12.945	2.647
9210	101	0	13.016	0.003
	102	0	25.054	0.002
	103	-0.024	24.837	0.013
	104	0.009	25.156	0
	105	0	25.456	-0.508
	106	-0.001	24.644	1.564
	107	-0.039	9.255	0.032
	108	0.02	9.909	0.001
	109	0	10.155	-0.828
	110	0.002	9.075	2.637
	111	-0.039	21.058	0.041
	112	0.018	21.663	0
	113	0	22.02	-0.839
	114	-0.001	20.769	2.611
	115	-0.039	12.621	0.033

	116	0.02	13.274	0.002
	117	0	13.552	-0.828
	118	0.001	12.44	2.641
9211	101	0	13.146	0.002
	102	0	25.189	0
	103	-0.023	25.422	0.001
	104	0.01	25.103	0
	105	0	25.367	-0.544
	106	-0.001	25.025	1.59
	107	-0.038	10.21	0.005
	108	0.025	9.525	0
	109	0	9.938	-0.935
	110	0.001	9.435	2.628
	111	-0.038	22.016	0.006
	112	0.022	21.382	-0.002
	113	0	21.817	-0.925
	114	-0.001	21.323	2.63
	115	-0.038	13.614	0.006
	116	0.024	12.937	0
	117	0	13.367	-0.928
	118	0.001	12.866	2.637
9212	101	0	13.009	0.003
	102	0	24.955	0.002
	103	-0.021	25.188	0.004
	104	0.008	24.861	0.002
	105	0	25.322	-0.484
	106	0	24.506	1.593
	107	-0.034	10.086	0.006
	108	0.019	9.431	-0.001
	109	0	10.15	-0.834
	110	0.002	8.984	2.619
	111	-0.034	21.794	0.008
	112	0.017	21.172	-0.002
	113	0	21.93	-0.825
	114	0	20.66	2.628
	115	-0.034	13.459	0.007
	116	0.019	12.807	0
	117	0	13.547	-0.827
	118	0.002	12.353	2.629
9213	101	0	12.878	-0.001
	102	0	22.806	-0.005
	103	-0.021	22.83	-0.003
	104	0.01	22.805	-0.007
	105	-0.001	22.957	-0.574
	106	0.002	22.639	1.471

	107	-0.035	9.59	-0.002
	108	0.024	9.531	-0.001
	109	-0.002	9.707	-0.939
	110	0.005	9.251	2.438
	111	-0.036	19.867	-0.002
	112	0.021	19.818	-0.007
	113	-0.002	20.028	-0.945
	114	0.003	19.555	2.446
	115	-0.036	12.929	-0.001
	116	0.024	12.871	-0.001
	117	-0.002	13.061	-0.938
	118	0.005	12.602	2.44
9214	101	0	12.774	0
	102	0	22.625	-0.003
	103	-0.02	22.664	-0.001
	104	0.008	22.618	-0.005
	105	-0.001	22.963	-0.509
	106	-0.005	22.212	1.471
	107	-0.032	9.519	-0.002
	108	0.019	9.447	-0.001
	109	-0.001	9.934	-0.834
	110	-0.005	8.853	2.427
	111	-0.033	19.72	-0.001
	112	0.017	19.655	-0.006
	113	-0.001	20.182	-0.839
	114	-0.008	18.995	2.44
	115	-0.033	12.831	-0.001
	116	0.019	12.759	-0.001
	117	-0.001	13.263	-0.832
	118	-0.006	12.166	2.43
9215	101	0	12.825	-0.013
	102	0	22.345	-0.047
	103	-0.02	22.054	-0.061
	104	0.011	22.533	-0.061
	105	0.001	22.493	-0.842
	106	-0.001	22.096	1.471
	107	-0.033	9.006	-0.075
	108	0.025	9.783	-0.011
	109	0.001	9.696	-1.238
	110	0	9.244	2.53
	111	-0.034	19.019	-0.087
	112	0.022	19.786	-0.047
	113	0.001	19.693	-1.306
	114	-0.002	19.127	2.494
	115	-0.034	12.338	-0.079

	116	0.025	13.111	-0.015
	117	0.001	13.025	-1.253
	118	0	12.551	2.522
9216	101	0	12.682	-0.006
	102	0	22.069	-0.033
	103	-0.019	21.805	-0.046
	104	0.009	22.255	-0.047
	105	0.001	22.362	-0.74
	106	0.001	21.743	1.467
	107	-0.031	8.946	-0.063
	108	0.02	9.666	-0.007
	109	0.001	9.762	-1.098
	110	0.005	8.951	2.51
	111	-0.031	18.825	-0.07
	112	0.018	19.537	-0.036
	113	0.001	19.669	-1.153
	114	0.003	18.766	2.478
	115	-0.031	12.227	-0.064
	116	0.019	12.961	-0.009
	117	0.001	13.062	-1.109
	118	0.005	12.237	2.502
9217	101	0	12.949	0.005
	102	0	24.18	-0.004
	103	-0.019	24.603	0.028
	104	0.015	23.994	-0.002
	105	0	24.263	-0.559
	106	-0.001	24.499	1.574
	107	-0.031	10.272	0.052
	108	0.03	9.323	-0.021
	109	0	9.621	-0.968
	110	0.002	10.192	2.722
	111	-0.031	21.478	0.048
	112	0.028	20.531	-0.016
	113	0	20.857	-0.95
	114	-0.001	21.381	2.692
	115	-0.031	13.645	0.056
	116	0.031	12.681	-0.021
	117	0	12.999	-0.97
	118	0.001	13.551	2.714
9218	101	0	12.918	0.004
	102	0	24.028	-0.004
	103	-0.019	24.357	0.029
	104	0.011	23.852	-0.002
	105	0	24.088	-0.615
	106	-0.002	24.339	1.252

	107	-0.03	10.092	0.047
	108	0.023	9.31	-0.022
	109	0.001	9.605	-1.067
	110	0.001	10.096	2.156
	111	-0.03	21.204	0.046
	112	0.021	20.426	-0.016
	113	0.001	20.74	-1.047
	114	-0.002	21.221	2.136
	115	-0.03	13.447	0.05
	116	0.023	12.657	-0.02
	117	0.001	12.962	-1.067
	118	0	13.446	2.15
9219	101	0	12.872	0.004
	102	0	23.974	-0.017
	103	-0.019	23.995	0.002
	104	0.014	23.977	-0.013
	105	0	23.892	-0.637
	106	0	24.378	1.588
	107	-0.03	9.552	0.048
	108	0.027	9.529	0.005
	109	0	9.474	-0.978
	110	0.001	10.384	2.78
	111	-0.031	20.667	0.005
	112	0.025	20.656	0.001
	113	0	20.541	-1.024
	114	-0.001	21.417	2.725
	115	-0.03	12.889	0.038
	116	0.027	12.866	0.006
	117	0	12.818	-0.985
	118	0.001	13.72	2.776
9220	101	0	12.922	0.001
	102	0	23.993	-0.015
	103	-0.019	23.984	0.002
	104	0.01	23.985	-0.011
	105	0	23.961	-0.745
	106	0	24.297	1.254
	107	-0.028	9.575	0.037
	108	0.02	9.563	0.002
	109	0	9.591	-1.153
	110	0.002	10.154	2.193
	111	-0.029	20.666	0.004
	112	0.019	20.666	0
	113	0	20.663	-1.204
	114	0	21.223	2.151
	115	-0.029	12.923	0.028

	116	0.02	12.912	0.003
	117	0	12.945	-1.161
	118	0.001	13.504	2.189
9221	101	0	12.894	0.004
	102	0	24	-0.002
	103	-0.022	23.599	-0.01
	104	0.013	24.308	0
	105	0	23.926	-0.659
	106	-0.001	24.442	1.543
	107	-0.032	8.951	-0.043
	108	0.025	9.953	0.003
	109	0	9.455	-1.067
	110	0.001	10.481	2.618
	111	-0.034	20.031	-0.031
	112	0.024	21.105	0.003
	113	0	20.547	-1.074
	114	-0.001	21.501	2.6
	115	-0.033	12.282	-0.043
	116	0.026	13.309	0.004
	117	0	12.804	-1.069
	118	0	13.817	2.612
9222	101	0	12.942	-0.001
	102	0	23.995	-0.005
	103	-0.021	23.625	-0.012
	104	0.01	24.267	-0.003
	105	0	24.011	-0.753
	106	0	24.295	1.318
	107	-0.031	9.061	-0.052
	108	0.02	9.935	-0.001
	109	0	9.661	-1.222
	110	0.002	10.157	2.236
	111	-0.032	20.103	-0.036
	112	0.018	21.059	-0.001
	113	0	20.73	-1.23
	114	0	21.228	2.222
	115	-0.031	12.406	-0.049
	116	0.02	13.3	0
	117	0	13.018	-1.224
	118	0.001	13.509	2.23
9223	101	0	12.888	0.004
	102	0	24.022	0.007
	103	-0.017	24.421	0.004
	104	0.013	23.793	0.005
	105	0	23.927	-0.653
	106	0	24.455	1.727

	107	-0.025	10.22	0.057
	108	0.024	9.233	0.022
	109	0	9.478	-1.117
	110	0	10.455	2.871
	111	-0.027	21.352	0.032
	112	0.023	20.327	0.004
	113	0	20.553	-1.111
	114	-0.001	21.501	2.86
	115	-0.026	13.579	0.056
	116	0.024	12.57	0.018
	117	0	12.822	-1.115
	118	0	13.798	2.872
9224	101	0	12.936	0.003
	102	0	23.999	0.008
	103	-0.016	24.323	0.004
	104	0.009	23.798	0.006
	105	0	23.973	-0.762
	106	0	24.357	1.346
	107	-0.024	10.111	0.043
	108	0.019	9.311	0.016
	109	0	9.591	-1.314
	110	0.001	10.205	2.231
	111	-0.025	21.202	0.027
	112	0.018	20.377	0.004
	113	0	20.664	-1.304
	114	0	21.297	2.225
	115	-0.025	13.478	0.043
	116	0.019	12.66	0.013
	117	0	12.95	-1.31
	118	0.001	13.562	2.231
9225	101	0	12.817	0.002
	102	0	23.912	0.013
	103	-0.016	23.911	0.008
	104	0.011	23.912	0.011
	105	0	23.839	-0.665
	106	-0.001	24.334	1.773
	107	-0.024	9.504	-0.016
	108	0.021	9.496	0
	109	0	9.412	-1.126
	110	0	10.408	2.906
	111	-0.025	20.577	0.007
	112	0.02	20.58	0.005
	113	0	20.479	-1.117
	114	-0.001	21.389	2.93
	115	-0.024	12.822	-0.01

	116	0.021	12.82	0.001
	117	0	12.738	-1.125
	118	-0.001	13.729	2.908
9226	101	0	12.778	0.001
	102	0	23.778	0.016
	103	-0.015	23.787	0.01
	104	0.008	23.782	0.013
	105	0	23.805	-0.784
	106	0	24.163	1.406
	107	-0.023	9.482	-0.016
	108	0.017	9.469	0
	109	0	9.523	-1.332
	110	0.001	10.095	2.295
	111	-0.024	20.491	0.008
	112	0.016	20.487	0.007
	113	0	20.529	-1.321
	114	0	21.125	2.318
	115	-0.023	12.791	-0.01
	116	0.017	12.782	0
	117	0	12.839	-1.33
	118	0	13.409	2.297
9227	101	0	12.695	0
	102	0	23.75	0.006
	103	-0.01	23.345	0
	104	0.004	23.947	0.001
	105	0	23.611	-0.335
	106	0.001	24.051	0.567
	107	-0.014	8.878	0.017
	108	0.009	9.729	0.003
	109	-0.001	9.308	-0.53
	110	0.001	10.063	1.008
	111	-0.015	19.837	0.006
	112	0.008	20.754	0
	113	0	20.279	-0.542
	114	0.001	21.036	0.99
	115	-0.015	12.155	0.015
	116	0.009	13.025	0.002
	117	0	12.593	-0.531
	118	0.001	13.354	1.008
9228	101	0	12.653	0.002
	102	0	23.65	0.009
	103	-0.01	23.257	0.003
	104	0.004	23.853	0.004
	105	0	23.558	-0.334
	106	0	23.821	0.564

	107	-0.014	8.896	0.018
	108	0.009	9.702	0.005
	109	0.001	9.311	-0.531
	110	-0.001	9.732	0.997
	111	-0.015	19.776	0.009
	112	0.008	20.663	0.003
	113	0.001	20.247	-0.543
	114	-0.001	20.686	0.981
	115	-0.015	12.167	0.017
	116	0.009	12.991	0.005
	117	0.001	12.59	-0.532
	118	-0.001	13.014	0.998
9229	101	0	12.775	0
	102	0	23.96	0.025
	103	-0.039	24.302	0.004
	104	0.035	23.805	0.003
	105	0	23.937	-1.303
	106	-0.001	24.297	1.454
	107	-0.049	9.965	-0.014
	108	0.05	9.201	-0.093
	109	0.001	9.441	-2.382
	110	0	10.106	2.247
	111	-0.055	21.112	0.003
	112	0.053	20.347	-0.016
	113	0	20.581	-2.285
	114	-0.001	21.207	2.311
	115	-0.051	13.285	-0.015
	116	0.052	12.511	-0.083
	117	0.001	12.753	-2.38
	118	0	13.415	2.249
9230	101	0	12.75	0.015
	102	-0.001	23.858	0.04
	103	-0.038	24.186	0.017
	104	0.03	23.711	0.016
	105	-0.001	23.977	-1.305
	106	0.001	24.079	1.474
	107	-0.048	9.903	-0.003
	108	0.043	9.195	-0.084
	109	-0.001	9.629	-2.399
	110	0.003	9.803	2.252
	111	-0.054	20.999	0.017
	112	0.045	20.278	-0.003
	113	-0.001	20.71	-2.297
	114	0.003	20.889	2.325
	115	-0.049	13.216	-0.001

	116	0.044	12.496	-0.07
	117	-0.001	12.94	-2.394
	118	0.003	13.106	2.257
9231	101	0	12.784	0.007
	102	0	23.994	0.011
	103	-0.032	23.995	0.011
	104	0.033	23.988	0.006
	105	0	23.839	-1.088
	106	-0.001	24.406	1.309
	107	-0.04	9.487	0.051
	108	0.048	9.474	0.024
	109	0.001	9.252	-1.858
	110	0	10.239	2.159
	111	-0.045	20.624	0.025
	112	0.05	20.618	0.003
	113	0	20.386	-1.856
	114	-0.001	21.362	2.166
	115	-0.041	12.804	0.05
	116	0.049	12.787	0.024
	117	0.001	12.569	-1.856
	118	0	13.555	2.163
9232	101	0	12.867	0.027
	102	0	24.045	0.031
	103	-0.027	24.032	0.031
	104	0.03	24.046	0.026
	105	0	24.006	-1.128
	106	0	24.325	1.196
	107	-0.035	9.53	0.062
	108	0.043	9.528	0.038
	109	0.001	9.47	-1.948
	110	0.001	10.009	1.95
	111	-0.039	20.676	0.045
	112	0.046	20.693	0.023
	113	0.001	20.622	-1.94
	114	0	21.169	1.963
	115	-0.036	12.865	0.067
	116	0.044	12.862	0.044
	117	0.001	12.813	-1.94
	118	0.001	13.349	1.959
9233	101	0	12.789	0.002
	102	0	24.104	-0.018
	103	-0.028	23.924	-0.065
	104	0.034	24.227	-0.011
	105	0	23.947	-1.321
	106	-0.001	24.481	1.276

	107	-0.034	9.197	-0.119
	108	0.05	9.666	-0.007
	109	0.001	9.275	-2.065
	110	0	10.165	2.216
	111	-0.039	20.415	-0.101
	112	0.052	20.894	-0.025
	113	0	20.481	-2.12
	114	-0.001	21.375	2.179
	115	-0.035	12.515	-0.116
	116	0.051	12.981	-0.008
	117	0.001	12.587	-2.077
	118	0	13.482	2.221
9234	101	0	12.912	0.022
	102	0	24.246	0.002
	103	-0.022	24.024	-0.047
	104	0.033	24.42	0.009
	105	0	24.172	-1.374
	106	0	24.468	1.166
	107	-0.027	9.227	-0.111
	108	0.049	9.851	0.007
	109	0.002	9.477	-2.167
	110	0.001	9.981	1.999
	111	-0.031	20.496	-0.086
	112	0.052	21.132	-0.005
	113	0.001	20.733	-2.219
	114	0	21.24	1.973
	115	-0.028	12.577	-0.102
	116	0.05	13.205	0.011
	117	0.002	12.826	-2.174
	118	0.001	13.33	2.01
9247	101	0	13.236	-0.006
	102	-0.001	24.119	-0.016
	103	-0.474	24.862	-0.021
	104	0.19	23.92	-0.012
	105	-0.001	24.228	-0.136
	106	0.001	24.419	0.373
	107	-0.813	11.877	-0.018
	108	0.315	9.394	0.002
	109	-0.001	10.084	-0.192
	110	0.021	10.419	0.635
	111	-0.805	22.609	-0.024
	112	0.31	20.449	-0.007
	113	-0.002	21.053	-0.205
	114	0.004	21.433	0.631
	115	-0.81	15.236	-0.018

	116	0.311	12.801	0.002
	117	-0.001	13.506	-0.196
	118	0.013	13.794	0.636
9248	101	0	12.452	-0.007
	102	-0.001	24.451	-0.014
	103	-0.506	24.914	-0.018
	104	0.232	24.27	-0.01
	105	0.002	24.72	-0.139
	106	-0.01	24.366	0.383
	107	-0.85	10.702	-0.018
	108	0.324	8.96	0.001
	109	0.011	9.792	-0.2
	110	-0.106	9.588	0.647
	111	-0.851	22.038	-0.022
	112	0.356	20.552	-0.005
	113	0.008	21.343	-0.211
	114	-0.037	21.008	0.645
	115	-0.854	13.914	-0.018
	116	0.332	12.179	0.001
	117	0.015	13.031	-0.204
	118	-0.082	12.832	0.647
9249	101	0	12.933	-0.008
	102	-0.001	23.896	-0.011
	103	-0.311	24.661	-0.015
	104	0.112	23.567	-0.007
	105	-0.001	23.738	-0.131
	106	0	25.488	0.378
	107	-0.599	11.8	-0.018
	108	0.189	9.07	0
	109	-0.002	9.542	-0.193
	110	0.003	12.492	0.634
	111	-0.566	22.464	-0.019
	112	0.187	20.06	-0.004
	113	-0.002	20.474	-0.202
	114	0.001	23.427	0.633
	115	-0.585	15.093	-0.018
	116	0.182	12.377	0
	117	-0.002	12.885	-0.198
	118	0.003	15.786	0.634
9250	101	0.001	5.19	0.019
	102	-0.004	5.147	0.016
	103	-0.3	5.109	0.014
	104	0.039	5.081	0.018
	105	-0.001	4.869	-0.028
	106	-0.002	6.267	0.181

	107	-0.515	2.713	0.008
	108	0.087	3.846	0.016
	109	0.028	3.514	-0.055
	110	-0.002	5.616	0.286
	111	-0.512	4.426	0.012
	112	0.078	5.116	0.02
	113	0.016	4.775	-0.054
	114	-0.003	6.98	0.29
	115	-0.511	4.122	0.014
	116	0.095	5.195	0.022
	117	0.026	4.855	-0.051
	118	-0.002	6.945	0.291
9251	101	0	10.798	-0.004
	102	-0.002	10.796	-0.011
	103	-1.921	10.901	-0.017
	104	0.346	10.763	-0.007
	105	-0.001	10.758	-0.136
	106	0.004	10.851	0.402
	107	-3.052	7.999	-0.019
	108	0.476	7.991	0.003
	109	-0.003	7.976	-0.198
	110	0.022	8.049	0.677
	111	-3.113	10.865	-0.022
	112	0.519	10.769	-0.002
	113	-0.003	10.763	-0.209
	114	0.015	10.865	0.675
	115	-3.034	10.835	-0.019
	116	0.483	10.791	0.004
	117	-0.003	10.783	-0.202
	118	0.019	10.855	0.678
9252	101	0.013	5.234	-0.023
	102	0.014	5.247	-0.026
	103	-1.848	5.861	-0.03
	104	0.406	5.234	-0.024
	105	0.137	5.477	-0.075
	106	0.009	4.464	0.231
	107	-3.156	4.548	-0.026
	108	0.488	3.859	-0.015
	109	0.163	4.234	-0.094
	110	-0.094	2.202	0.407
	111	-3.156	6.033	-0.033
	112	0.56	5.222	-0.022
	113	0.197	5.61	-0.103
	114	-0.048	3.675	0.401
	115	-3.149	5.954	-0.032

	116	0.511	5.212	-0.02
	117	0.173	5.596	-0.101
	118	-0.065	3.602	0.401
9265	101	0	12.638	-0.01
	102	-0.001	21.597	-0.02
	103	-0.482	22.377	0.008
	104	0.203	21.396	-0.019
	105	0	21.644	-0.206
	106	-0.001	21.989	0.427
	107	-0.843	10.492	0.036
	108	0.342	9.182	-0.005
	109	0	9.679	-0.301
	110	0.017	10.255	0.727
	111	-0.828	20.079	0.026
	112	0.334	18.666	-0.015
	113	-0.001	19.133	-0.317
	114	0	19.742	0.722
	115	-0.839	13.757	0.033
	116	0.337	12.424	-0.006
	117	0	12.91	-0.306
	118	0.008	13.547	0.726
9266	101	0	12.33	-0.004
	102	-0.001	21.904	-0.01
	103	-0.5	22.193	0.014
	104	0.242	21.883	-0.009
	105	0.001	22.803	-0.187
	106	-0.009	21.222	0.4
	107	-0.844	9.683	0.034
	108	0.345	9.134	0
	109	0.017	10.396	-0.283
	110	-0.144	8.337	0.671
	111	-0.844	19.572	0.029
	112	0.376	19.048	-0.006
	113	0.007	20.394	-0.294
	114	-0.052	18.096	0.67
	115	-0.848	12.842	0.034
	116	0.352	12.318	0
	117	0.015	13.64	-0.286
	118	-0.112	11.519	0.671
9267	101	0	13.061	-0.005
	102	-0.002	21.802	-0.008
	103	-0.297	22.347	0.015
	104	0.117	21.443	-0.007
	105	0	21.798	-0.182
	106	-0.002	23.241	0.395

	107	-0.587	10.625	0.031
	108	0.203	9.265	-0.001
	109	-0.001	10.028	-0.279
	110	0	13.028	0.66
	111	-0.55	20.11	0.028
	112	0.198	18.662	-0.004
	113	-0.001	19.405	-0.288
	114	-0.002	22.177	0.66
	115	-0.572	14.003	0.03
	116	0.194	12.585	-0.001
	117	-0.001	13.368	-0.283
	118	0	16.315	0.66
9268	101	0.001	5.076	0.019
	102	0.002	5.044	0.017
	103	-0.181	5.071	0.027
	104	0.043	5.05	0.017
	105	-0.035	4.729	-0.105
	106	-0.003	5.762	0.185
	107	-0.245	3.802	0.03
	108	0.058	3.769	0.015
	109	-0.056	3.268	-0.184
	110	-0.003	4.914	0.292
	111	-0.266	5.096	0.034
	112	0.062	5.064	0.018
	113	-0.062	4.549	-0.183
	114	-0.004	6.224	0.297
	115	-0.248	5.119	0.035
	116	0.061	5.087	0.02
	117	-0.047	4.579	-0.18
	118	-0.003	6.234	0.298
9269	101	0	4.181	-0.016
	102	0.001	4.146	-0.019
	103	-0.294	4.111	-0.001
	104	0.078	4.141	-0.02
	105	0.002	4.551	-0.121
	106	0.001	3.233	0.284
	107	-0.573	3.037	0.016
	108	0.178	3.092	-0.012
	109	0	3.721	-0.173
	110	-0.043	1.6	0.489
	111	-0.554	4.1	0.01
	112	0.161	4.15	-0.018
	113	0.001	4.8	-0.182
	114	-0.003	2.65	0.485
	115	-0.556	4.121	0.012

	116	0.17	4.175	-0.015
	117	0	4.811	-0.178
	118	-0.013	2.681	0.486
9270	101	-0.001	10.71	-0.006
	102	-0.006	10.685	-0.012
	103	-0.295	10.698	0.01
	104	0.042	10.679	-0.011
	105	-0.002	10.689	-0.197
	106	-0.008	10.747	0.4
	107	-0.522	7.955	0.03
	108	0.097	7.924	-0.002
	109	0.038	7.929	-0.298
	110	-0.009	8.035	0.674
	111	-0.515	10.714	0.024
	112	0.086	10.683	-0.008
	113	0.023	10.693	-0.309
	114	-0.011	10.796	0.672
	115	-0.513	10.731	0.028
	116	0.105	10.7	-0.002
	117	0.032	10.705	-0.302
	118	-0.009	10.81	0.674
9281	101	0	9.385	-0.02
	102	0.004	9.428	-0.027
	103	-0.424	9.358	-0.02
	104	0.945	13.394	-0.024
	105	0.023	9.504	-0.377
	106	0.003	9.38	0.393
	107	-0.602	6.943	-0.016
	108	1.394	12.281	-0.018
	109	0.011	6.808	-0.576
	110	0.001	6.836	0.667
	111	-0.643	9.36	-0.019
	112	1.47	15.205	-0.027
	113	0.015	9.491	-0.592
	114	0.006	9.359	0.664
	115	-0.609	9.376	-0.021
	116	1.408	14.906	-0.024
	117	0.006	9.436	-0.586
	118	-0.002	9.243	0.665
9282	101	0.003	4.976	0.048
	102	0.08	5.739	0.044
	103	-0.169	4.971	0.047
	104	0.852	9.479	0.045
	105	0.023	5.767	-0.124
	106	0.187	5	0.341

	107	-0.496	3.679	0.035
	108	1.084	8.894	0.033
	109	0.004	4.39	-0.234
	110	0.12	1.301	0.522
	111	-0.389	4.967	0.048
	112	1.23	11.162	0.044
	113	0.022	5.978	-0.228
	114	0.246	4.184	0.535
	115	-0.502	4.969	0.047
	116	1.099	10.323	0.046
	117	0.004	5.677	-0.224
	118	0.11	2.755	0.536
9283	101	0.001	13.77	-0.016
	102	-0.006	24.912	-0.021
	103	-0.408	24.415	-0.016
	104	0.222	25.204	-0.02
	105	-0.008	25.149	-0.315
	106	0	25.811	0.325
	107	-0.471	9.525	-0.012
	108	0.326	10.567	-0.014
	109	-0.004	10.618	-0.482
	110	0.009	11.843	0.551
	111	-0.55	20.81	-0.015
	112	0.338	21.954	-0.022
	113	-0.008	22.029	-0.495
	114	0.007	23.17	0.548
	115	-0.485	13.051	-0.016
	116	0.333	14.14	-0.019
	117	-0.004	14.179	-0.49
	118	0.012	15.395	0.55
9284	101	0.001	12.404	0.006
	102	-0.004	24.11	0
	103	-0.279	24.27	0.006
	104	0.503	25.05	0.002
	105	0.004	23.867	-0.32
	106	-0.011	25.656	0.371
	107	-0.336	9.311	0.004
	108	0.728	10.747	0.001
	109	0.01	8.579	-0.509
	110	0	11.823	0.606
	111	-0.388	20.767	0.007
	112	0.772	22.133	-0.001
	113	0.009	20.236	-0.517
	114	-0.01	23.214	0.609
	115	-0.349	12.552	0.005

	116	0.752	13.979	0.002
	117	0.01	11.86	-0.512
	118	-0.001	15.042	0.61
9285	101	0	6.963	-0.053
	102	-0.005	18.622	-0.058
	103	-0.201	18.561	-0.055
	104	0.327	19.565	-0.057
	105	0.003	16.807	-0.285
	106	-0.007	21.695	0.136
	107	-0.264	5.036	-0.039
	108	0.513	6.763	-0.041
	109	0.002	2.122	-0.407
	110	-0.006	10.255	0.277
	111	-0.286	15.056	-0.054
	112	0.522	16.688	-0.058
	113	0.002	11.993	-0.427
	114	-0.009	20.205	0.262
	115	-0.272	6.832	-0.053
	116	0.523	8.603	-0.055
	117	0.001	3.936	-0.423
	118	-0.006	12.082	0.265
9296	101	-0.001	9.314	-0.02
	102	0.001	9.298	-0.027
	103	-0.428	9.291	-0.029
	104	0.764	9.306	-0.027
	105	0.017	9.37	-0.335
	106	-0.006	9.211	0.421
	107	-0.591	6.889	-0.017
	108	1.127	6.91	-0.013
	109	0.008	7.011	-0.516
	110	-0.009	6.754	0.722
	111	-0.638	9.292	-0.026
	112	1.188	9.316	-0.03
	113	0.011	9.418	-0.532
	114	-0.007	9.158	0.715
	115	-0.602	9.303	-0.022
	116	1.138	9.325	-0.019
	117	0.005	9.426	-0.524
	118	-0.011	9.168	0.719
9297	101	0.003	4.902	0.048
	102	0.062	4.912	0.044
	103	-0.182	4.908	0.043
	104	0.667	4.918	0.044
	105	0.006	5.205	-0.106
	106	0.148	4.487	0.352

	107	-0.485	3.624	0.035
	108	0.853	3.639	0.036
	109	-0.008	4.11	-0.208
	110	0.096	2.934	0.544
	111	-0.392	4.901	0.044
	112	0.966	4.924	0.043
	113	0.003	5.393	-0.202
	114	0.197	4.207	0.555
	115	-0.492	4.895	0.047
	116	0.865	4.91	0.049
	117	-0.007	5.384	-0.197
	118	0.088	4.203	0.558
9298	101	0	13.788	-0.016
	102	-0.005	25.381	-0.021
	103	-0.377	24.86	-0.023
	104	0.256	25.616	-0.021
	105	-0.004	25.33	-0.277
	106	-0.004	26.142	0.342
	107	-0.457	9.492	-0.013
	108	0.377	10.59	-0.01
	109	0.001	10.249	-0.427
	110	0.002	12.012	0.587
	111	-0.521	21.072	-0.021
	112	0.39	22.262	-0.024
	113	-0.003	21.881	-0.44
	114	0.001	23.483	0.581
	115	-0.471	13.05	-0.017
	116	0.385	14.152	-0.015
	117	0.001	13.796	-0.433
	118	0.005	15.56	0.585
9299	101	0	12.03	0.006
	102	-0.004	24.168	0
	103	-0.333	23.987	-0.001
	104	0.442	24.334	0
	105	0.001	23.874	-0.281
	106	-0.009	25.602	0.392
	107	-0.404	8.606	0.003
	108	0.631	9.227	0.006
	109	0.007	8.557	-0.454
	110	0.005	11.513	0.651
	111	-0.465	20.178	0.001
	112	0.673	20.785	-0.003
	113	0.005	20.088	-0.462
	114	-0.006	23.031	0.651
	115	-0.419	11.735	0.005

	116	0.653	12.343	0.007
	117	0.008	11.693	-0.455
	118	0.004	14.653	0.655
9300	101	0	6.761	-0.053
	102	-0.005	18.381	-0.058
	103	-0.244	17.553	-0.059
	104	0.281	18.83	-0.058
	105	0.004	16.713	-0.267
	106	-0.007	21.238	0.147
	107	-0.325	3.922	-0.04
	108	0.436	5.706	-0.038
	109	0.005	2.353	-0.382
	110	-0.006	9.463	0.299
	111	-0.35	13.73	-0.057
	112	0.446	15.626	-0.059
	113	0.005	12.17	-0.402
	114	-0.009	19.489	0.282
	115	-0.334	5.64	-0.053
	116	0.444	7.469	-0.052
	117	0.004	4.104	-0.397
	118	-0.006	11.233	0.286
9311	101	-0.002	9.315	-0.018
	102	-0.004	9.301	-0.012
	103	-0.478	9.311	-0.018
	104	0.657	9.297	-0.02
	105	0.012	9.382	-0.338
	106	-0.015	9.217	0.418
	107	-0.643	6.911	-0.009
	108	0.97	6.892	-0.018
	109	0.005	7.025	-0.552
	110	-0.018	6.762	0.68
	111	-0.7	9.319	-0.014
	112	1.022	9.298	-0.026
	113	0.007	9.435	-0.554
	114	-0.019	9.166	0.687
	115	-0.657	9.326	-0.014
	116	0.98	9.307	-0.023
	117	0.004	9.44	-0.558
	118	-0.019	9.177	0.677
9312	101	0.002	4.903	0.049
	102	0.051	4.913	0.051
	103	-0.224	4.926	0.048
	104	0.562	4.915	0.047
	105	-0.012	5.222	-0.107
	106	0.126	4.505	0.351

	107	-0.538	3.639	0.038
	108	0.722	3.627	0.034
	109	-0.022	4.144	-0.225
	110	0.083	2.975	0.526
	111	-0.45	4.921	0.05
	112	0.816	4.913	0.045
	113	-0.017	5.423	-0.212
	114	0.17	4.245	0.543
	115	-0.549	4.91	0.051
	116	0.732	4.898	0.047
	117	-0.021	5.417	-0.213
	118	0.077	4.245	0.539
9313	101	0	13.869	-0.014
	102	-0.005	25.486	-0.01
	103	-0.39	26.305	-0.014
	104	0.309	25.102	-0.016
	105	-0.004	25.748	-0.279
	106	-0.003	26.23	0.34
	107	-0.497	11.475	-0.007
	108	0.457	9.646	-0.014
	109	0.001	10.579	-0.456
	110	0.004	12.11	0.553
	111	-0.553	23.226	-0.011
	112	0.472	21.352	-0.021
	113	-0.004	22.365	-0.458
	114	0.002	23.561	0.559
	115	-0.513	15.076	-0.011
	116	0.467	13.23	-0.018
	117	0	14.148	-0.461
	118	0.006	15.669	0.551
9314	101	0	12.05	0.007
	102	-0.005	24.115	0.013
	103	-0.413	24.405	0.008
	104	0.421	24.013	0.006
	105	0.002	24.111	-0.283
	106	-0.01	25.559	0.391
	107	-0.502	9.478	0.009
	108	0.595	8.699	0.001
	109	0.012	8.993	-0.486
	110	0.006	11.508	0.614
	111	-0.577	20.902	0.012
	112	0.637	20.298	0.001
	113	0.008	20.517	-0.481
	114	-0.006	22.991	0.627
	115	-0.521	12.612	0.011

	116	0.616	11.82	0.003
	117	0.012	12.137	-0.485
	118	0.005	14.646	0.618
9315	101	0	6.733	-0.052
	102	-0.006	18.075	-0.051
	103	-0.307	18.668	-0.054
	104	0.266	17.604	-0.055
	105	0.004	16.947	-0.268
	106	-0.006	20.584	0.145
	107	-0.416	5.903	-0.036
	108	0.411	4.342	-0.04
	109	0.006	3.158	-0.399
	110	-0.003	8.72	0.28
	111	-0.445	15.678	-0.051
	112	0.421	13.931	-0.056
	113	0.006	12.812	-0.412
	114	-0.007	18.622	0.27
	115	-0.427	7.648	-0.05
	116	0.418	6.054	-0.054
	117	0.004	4.907	-0.413
	118	-0.004	10.472	0.267
9328	101	-0.008	9.441	-0.025
	102	-0.015	9.52	-0.01
	103	-0.564	9.291	-0.026
	104	0.588	9.417	-0.024
	105	-0.001	9.586	-0.538
	106	-0.027	9.553	0.768
	107	-0.735	6.277	-0.009
	108	0.874	7.004	-0.023
	109	-0.005	6.962	-0.855
	110	-0.021	7.046	1.331
	111	-0.811	8.889	-0.021
	112	0.919	9.436	-0.03
	113	-0.006	9.664	-0.868
	114	-0.029	9.545	1.319
	115	-0.756	8.789	-0.017
	116	0.882	9.441	-0.03
	117	-0.005	9.597	-0.864
	118	-0.024	9.471	1.326
9329	101	-0.001	5.012	0.045
	102	0.04	4.995	0.052
	103	-0.291	5.854	0.044
	104	0.498	5.033	0.045
	105	-0.039	6.015	-0.225
	106	0.114	4.333	0.589

	107	-0.635	3.148	0.039
	108	0.648	3.735	0.032
	109	-0.045	4.986	-0.406
	110	0.089	0.596	0.959
	111	-0.549	5.28	0.047
	112	0.728	5.046	0.043
	113	-0.048	6.417	-0.398
	114	0.16	3.856	0.966
	115	-0.651	4.517	0.05
	116	0.657	5.028	0.043
	117	-0.045	6.282	-0.395
	118	0.083	2.128	0.971
9330	101	-0.003	14.035	-0.02
	102	-0.009	25.578	-0.008
	103	-0.439	25.472	-0.021
	104	0.368	25.856	-0.019
	105	-0.008	25.996	-0.453
	106	-0.003	25.57	0.645
	107	-0.581	11.067	-0.006
	108	0.555	10.604	-0.018
	109	-0.002	11.004	-0.72
	110	0.008	10.915	1.118
	111	-0.634	22.424	-0.016
	112	0.568	22.49	-0.023
	113	-0.008	22.792	-0.731
	114	0.005	22.373	1.108
	115	-0.599	14.638	-0.013
	116	0.567	14.227	-0.023
	117	-0.003	14.597	-0.728
	118	0.01	14.555	1.115
9331	101	-0.004	12.199	0.004
	102	-0.012	24.347	0.018
	103	-0.518	25.234	0.004
	104	0.417	24.42	0.005
	105	-0.004	24.362	-0.468
	106	-0.018	25.528	0.722
	107	-0.626	10.248	0.012
	108	0.59	9.206	-0.001
	109	0.009	9.004	-0.769
	110	0.004	11.698	1.225
	111	-0.721	21.864	0.008
	112	0.632	20.808	0
	113	0.002	20.854	-0.773
	114	-0.012	22.876	1.221
	115	-0.651	13.468	0.012

	116	0.612	12.381	0
	117	0.008	12.241	-0.77
	118	0.002	14.764	1.228
9332	101	-0.002	12.891	0.022
	102	-0.009	23.744	0.037
	103	-0.395	24.386	0.023
	104	0.261	24.157	0.025
	105	0.001	23.719	-0.538
	106	-0.013	25.43	0.757
	107	-0.538	10.688	0.026
	108	0.415	9.864	0.012
	109	0.006	9.151	-0.903
	110	-0.01	11.732	1.264
	111	-0.573	21.606	0.027
	112	0.42	20.908	0.019
	113	0.003	20.237	-0.903
	114	-0.015	22.954	1.266
	115	-0.552	14.003	0.03
	116	0.419	13.199	0.018
	117	0.004	12.476	-0.9
	118	-0.011	15.073	1.272
9333	101	-0.001	5.481	-0.061
	102	-0.006	5.616	-0.057
	103	-0.313	6.097	-0.064
	104	0.291	5.622	-0.063
	105	0.06	3.889	-0.34
	106	-0.031	6.77	0.351
	107	-0.421	4.575	-0.04
	108	0.366	4.08	-0.047
	109	0.05	1.1	-0.496
	110	-0.054	6.184	0.665
	111	-0.461	6.195	-0.061
	112	0.41	5.587	-0.065
	113	0.086	2.61	-0.518
	114	-0.055	7.66	0.643
	115	-0.437	6.012	-0.057
	116	0.379	5.502	-0.063
	117	0.048	2.483	-0.513
	118	-0.052	7.539	0.65
9346	101	0.001	5.067	-0.017
	102	0.009	5.103	-0.012
	103	-0.095	5.107	-0.017
	104	0.111	5.124	-0.017
	105	-0.012	5.648	-0.283
	106	0.016	4.215	0.519

	107	-0.178	3.732	-0.01
	108	0.143	3.766	-0.011
	109	-0.01	4.604	-0.439
	110	0.012	2.201	0.903
	111	-0.163	5.084	-0.016
	112	0.161	5.12	-0.019
	113	-0.012	5.967	-0.45
	114	0.019	3.565	0.893
	115	-0.183	5.047	-0.014
	116	0.145	5.081	-0.016
	117	-0.009	5.921	-0.444
	118	0.01	3.513	0.9
9347	101	0	13.818	0.007
	102	-0.002	25.059	0.013
	103	-0.156	24.353	0.004
	104	0.127	25.582	0.004
	105	0	25.447	-0.396
	106	-0.004	25.466	0.687
	107	-0.222	9.226	0.011
	108	0.211	10.885	0.007
	109	0.002	10.808	-0.634
	110	-0.004	11.624	1.179
	111	-0.235	20.591	0.008
	112	0.207	22.487	0.003
	113	0	22.295	-0.645
	114	-0.004	22.719	1.17
	115	-0.227	12.76	0.012
	116	0.214	14.467	0.008
	117	0.002	14.362	-0.634
	118	-0.002	15.164	1.182
9348	101	0	12.146	-0.003
	102	-0.002	24.181	0.005
	103	-0.225	23.84	-0.003
	104	0.136	24.349	-0.003
	105	0	24.089	-0.428
	106	-0.008	25.382	0.721
	107	-0.29	8.602	0.004
	108	0.197	9.375	-0.001
	109	-0.001	9.148	-0.681
	110	0.021	11.516	1.242
	111	-0.325	20.05	0
	112	0.21	20.841	-0.006
	113	0	20.58	-0.694
	114	-0.006	22.871	1.231
	115	-0.299	11.734	0.002

	116	0.205	12.535	-0.002
	117	0	12.306	-0.684
	118	0.015	14.676	1.242
9349	101	0	12.768	-0.009
	102	-0.004	23.431	0.002
	103	-0.138	22.835	-0.006
	104	0.071	23.864	-0.006
	105	0.002	23.212	-0.495
	106	-0.01	25.026	0.721
	107	-0.198	8.718	0
	108	0.128	10.127	-0.005
	109	0.005	9.055	-0.792
	110	-0.013	11.708	1.243
	111	-0.207	19.381	-0.004
	112	0.123	20.934	-0.01
	113	0.004	19.874	-0.804
	114	-0.015	22.72	1.233
	115	-0.202	11.992	-0.003
	116	0.127	13.451	-0.008
	117	0.004	12.348	-0.796
	118	-0.013	15.014	1.242
9350	101	-0.003	9.542	0.009
	102	-0.004	9.522	0.018
	103	-0.145	9.478	0.008
	104	0.129	9.576	0.009
	105	0.005	9.708	-0.451
	106	-0.019	9.237	0.806
	107	-0.185	7.005	0.012
	108	0.19	7.142	0.008
	109	0.006	7.354	-0.728
	110	-0.023	6.575	1.374
	111	-0.207	9.461	0.012
	112	0.2	9.61	0.006
	113	0.006	9.824	-0.739
	114	-0.028	9.041	1.367
	115	-0.191	9.477	0.014
	116	0.191	9.618	0.01
	117	0.006	9.828	-0.728
	118	-0.026	9.047	1.378
9351	101	0	5.55	0.019
	102	-0.001	5.729	0.028
	103	-0.094	5.696	0.022
	104	0.089	5.728	0.023
	105	0.014	5.122	-0.243
	106	0.004	6.685	0.467

	107	-0.127	4.091	0.017
	108	0.111	4.133	0.015
	109	0.015	3.166	-0.41
	110	0.011	5.753	0.778
	111	-0.139	5.642	0.023
	112	0.125	5.682	0.02
	113	0.022	4.704	-0.41
	114	0.01	7.305	0.78
	115	-0.132	5.528	0.022
	116	0.115	5.572	0.02
	117	0.012	4.601	-0.407
	118	0.01	7.195	0.784
9364	101	0.001	9.583	0.011
	102	-0.001	9.564	0.015
	103	-0.254	9.575	0.011
	104	0.13	9.559	0.015
	105	0	9.678	-0.27
	106	0.006	9.397	0.528
	107	-0.347	7.109	0.017
	108	0.202	7.089	0.011
	109	-0.002	7.269	-0.453
	110	0.042	6.823	0.854
	111	-0.379	9.582	0.02
	112	0.205	9.561	0.013
	113	-0.003	9.749	-0.453
	114	0.018	9.292	0.862
	115	-0.352	9.594	0.02
	116	0.203	9.573	0.014
	117	-0.002	9.753	-0.451
	118	0.028	9.306	0.859
9365	101	0.003	5.243	-0.015
	102	0.017	5.271	-0.013
	103	-0.152	5.286	-0.016
	104	0.158	5.262	-0.013
	105	0.005	5.63	-0.187
	106	0.01	4.645	0.378
	107	-0.394	3.889	-0.007
	108	0.235	3.868	-0.01
	109	-0.006	4.469	-0.294
	110	-0.034	2.851	0.634
	111	-0.331	5.268	-0.01
	112	0.248	5.25	-0.015
	113	0	5.854	-0.3
	114	0.007	4.228	0.633
	115	-0.392	5.248	-0.01

	116	0.243	5.227	-0.014
	117	-0.006	5.83	-0.299
	118	-0.024	4.208	0.631
9366	101	0	11.584	-0.003
	102	-0.003	22.737	-0.004
	103	-0.204	23.811	-0.008
	104	0.095	22.379	-0.003
	105	-0.001	23.014	-0.288
	106	-0.006	23.544	0.501
	107	-0.283	10.128	0.006
	108	0.167	8.066	0.001
	109	0.001	8.898	-0.462
	110	-0.006	10.896	0.83
	111	-0.303	21.071	0.003
	112	0.16	18.813	-0.004
	113	-0.001	19.718	-0.469
	114	-0.006	21.183	0.83
	115	-0.291	13.164	0.006
	116	0.168	11.052	0
	117	0.001	11.897	-0.464
	118	-0.004	13.87	0.831
9367	101	0	12.25	-0.001
	102	-0.002	24.296	0.002
	103	-0.279	24.527	-0.002
	104	0.118	24.13	0.002
	105	-0.002	24.286	-0.27
	106	-0.006	25.719	0.484
	107	-0.354	9.743	0.007
	108	0.174	8.851	0.002
	109	-0.005	9.315	-0.442
	110	0.02	11.943	0.793
	111	-0.4	21.173	0.007
	112	0.184	20.42	0
	113	-0.004	20.797	-0.445
	114	-0.003	23.323	0.797
	115	-0.366	12.925	0.007
	116	0.18	12.031	0.001
	117	-0.003	12.51	-0.444
	118	0.015	15.13	0.794
9368	101	0	11.806	-0.008
	102	-0.006	22.447	-0.001
	103	-0.186	23.311	-0.005
	104	0.059	22.14	-0.001
	105	0	22.163	-0.333
	106	-0.009	24.351	0.475

	107	-0.259	9.878	0.001
	108	0.108	8.328	-0.004
	109	0.003	8.142	-0.546
	110	-0.01	11.268	0.779
	111	-0.274	20.562	0.002
	112	0.103	18.801	-0.004
	113	0.002	18.738	-0.548
	114	-0.012	22.107	0.783
	115	-0.264	12.96	0
	116	0.107	11.367	-0.006
	117	0.002	11.198	-0.549
	118	-0.009	14.329	0.778
9369	101	0	6.21	0.025
	102	-0.001	6.354	0.03
	103	-0.129	6.37	0.028
	104	0.074	6.345	0.03
	105	0.01	5.962	-0.14
	106	-0.002	6.99	0.326
	107	-0.174	4.642	0.023
	108	0.093	4.591	0.02
	109	0.008	3.968	-0.258
	110	-0.001	5.628	0.505
	111	-0.19	6.354	0.033
	112	0.105	6.295	0.028
	113	0.015	5.67	-0.25
	114	-0.002	7.35	0.517
	115	-0.18	6.253	0.03
	116	0.097	6.201	0.026
	117	0.007	5.576	-0.252
	118	-0.001	7.241	0.512
9382	101	0.001	9.655	0.01
	102	-0.001	9.813	0.007
	103	-0.279	9.644	0.006
	104	0.144	10.364	0.008
	105	-0.001	9.987	-0.28
	106	0.006	9.855	0.511
	107	-0.383	7.152	0.012
	108	0.225	7.617	0.01
	109	-0.002	7.323	-0.461
	110	0.046	7.241	0.841
	111	-0.417	9.648	0.012
	112	0.228	10.346	0.009
	113	-0.003	9.937	-0.464
	114	0.019	9.9	0.842
	115	-0.388	9.654	0.016

	116	0.225	10.18	0.013
	117	-0.002	9.827	-0.46
	118	0.03	9.781	0.844
9383	101	0.003	5.39	-0.016
	102	0.016	6.022	-0.017
	103	-0.169	5.351	-0.018
	104	0.172	6.689	-0.017
	105	0.003	6.768	-0.191
	106	0.01	4.836	0.359
	107	-0.438	3.932	-0.009
	108	0.259	4.523	-0.01
	109	-0.007	5.341	-0.295
	110	-0.034	0.364	0.61
	111	-0.368	5.335	-0.015
	112	0.272	6.581	-0.016
	113	-0.002	7.148	-0.302
	114	0.009	4.095	0.607
	115	-0.436	5.31	-0.013
	116	0.268	5.988	-0.014
	117	-0.007	6.735	-0.3
	118	-0.024	2.263	0.607
9384	101	0	11.988	-0.004
	102	0.006	23.164	-0.011
	103	-0.277	23.544	-0.013
	104	0.102	23.724	-0.011
	105	0	23.448	-0.298
	106	0.013	23.346	0.487
	107	-0.411	9.505	0.002
	108	0.182	10.679	-0.001
	109	0.002	9.269	-0.471
	110	0.003	9.902	0.82
	111	-0.428	20.478	-0.005
	112	0.173	21.221	-0.008
	113	0	20.123	-0.481
	114	0.01	20.305	0.815
	115	-0.42	12.604	0.002
	116	0.182	13.753	-0.001
	117	0.001	12.383	-0.474
	118	0.004	13.044	0.82
9385	101	0	12.406	-0.002
	102	-0.001	24.454	-0.005
	103	-0.383	24.52	-0.006
	104	0.13	24.677	-0.005
	105	0.007	24.442	-0.282
	106	-0.005	25.844	0.473

	107	-0.496	9.47	0.003
	108	0.191	9.77	0
	109	0.017	8.929	-0.454
	110	0.022	12.397	0.789
	111	-0.555	21	-0.001
	112	0.203	21.27	-0.003
	113	0.018	20.793	-0.459
	114	-0.009	23.426	0.787
	115	-0.512	12.707	0.003
	116	0.198	12.978	0
	117	0.018	12.269	-0.456
	118	0.016	15.499	0.789
9386	101	0.002	11.895	-0.009
	102	0.01	22.308	-0.009
	103	-0.243	22.992	-0.01
	104	0.064	22.031	-0.008
	105	0.001	22.174	-0.333
	106	0.016	24.488	0.461
	107	-0.369	9.316	-0.002
	108	0.117	8.988	-0.005
	109	0.002	8.251	-0.539
	110	0.008	11.306	0.77
	111	-0.376	19.928	-0.006
	112	0.111	19.146	-0.008
	113	0.001	19.003	-0.544
	114	0.018	22.193	0.769
	115	-0.374	12.403	-0.004
	116	0.115	11.976	-0.007
	117	0.002	11.348	-0.543
	118	0.011	14.399	0.768
9387	101	0	6.283	0.024
	102	0	6.415	0.026
	103	-0.163	6.428	0.025
	104	0.072	6.817	0.026
	105	0.011	4.588	-0.147
	106	-0.002	7.404	0.317
	107	-0.222	4.673	0.021
	108	0.09	5.123	0.019
	109	0.007	1.602	-0.265
	110	-0.003	6.479	0.499
	111	-0.242	6.397	0.028
	112	0.101	6.934	0.026
	113	0.015	3.312	-0.259
	114	-0.003	8.158	0.507
	115	-0.23	6.303	0.027

	116	0.093	6.751	0.025
	117	0.006	3.171	-0.26
	118	-0.003	8.031	0.506
9400	101	0.001	9.585	0.01
	102	0.001	9.571	-0.002
	103	-0.264	9.559	0.004
	104	0.191	9.579	0
	105	0.002	9.68	-0.278
	106	0.009	9.407	0.501
	107	-0.367	7.084	0.007
	108	0.292	7.112	0.008
	109	-0.002	7.266	-0.441
	110	0.057	6.827	0.842
	111	-0.397	9.559	0.003
	112	0.299	9.586	0.007
	113	-0.002	9.748	-0.452
	114	0.025	9.302	0.837
	115	-0.371	9.568	0.009
	116	0.293	9.597	0.011
	117	-0.001	9.752	-0.441
	118	0.038	9.311	0.844
9401	101	0.004	5.242	-0.016
	102	0.022	5.282	-0.023
	103	-0.158	5.266	-0.019
	104	0.223	5.286	-0.022
	105	0.011	5.632	-0.19
	106	0.016	4.667	0.356
	107	-0.407	3.869	-0.012
	108	0.334	3.895	-0.012
	109	-0.002	4.455	-0.283
	110	-0.029	2.865	0.618
	111	-0.343	5.255	-0.02
	112	0.353	5.275	-0.018
	113	0.006	5.847	-0.295
	114	0.016	4.249	0.61
	115	-0.406	5.228	-0.017
	116	0.346	5.253	-0.016
	117	-0.002	5.819	-0.289
	118	-0.019	4.224	0.613
9402	101	0	11.666	-0.004
	102	-0.002	22.827	-0.021
	103	-0.253	21.927	-0.014
	104	0.151	23.244	-0.019
	105	0	23.071	-0.296
	106	-0.005	23.654	0.475

	107	-0.355	7.38	-0.003
	108	0.261	9.258	-0.003
	109	0.002	8.968	-0.45
	110	-0.005	10.905	0.819
	111	-0.378	18.139	-0.014
	112	0.251	20.143	-0.011
	113	0	19.784	-0.468
	114	-0.005	21.324	0.808
	115	-0.365	10.358	-0.005
	116	0.263	12.291	-0.003
	117	0.002	12.003	-0.454
	118	-0.003	13.883	0.818
9403	101	0	12.261	-0.003
	102	-0.001	24.284	-0.014
	103	-0.339	24.066	-0.008
	104	0.176	24.551	-0.012
	105	-0.001	24.286	-0.28
	106	-0.005	25.614	0.462
	107	-0.432	8.654	-0.002
	108	0.257	9.411	-0.002
	109	-0.004	9.303	-0.433
	110	0.034	11.816	0.788
	111	-0.487	20.235	-0.009
	112	0.273	21.023	-0.006
	113	-0.003	20.787	-0.447
	114	0	23.179	0.781
	115	-0.446	11.832	-0.004
	116	0.266	12.598	-0.002
	117	-0.002	12.503	-0.437
	118	0.027	14.998	0.788
9404	101	0	11.821	-0.01
	102	-0.005	22.629	-0.018
	103	-0.231	21.781	-0.011
	104	0.089	22.955	-0.016
	105	0	22.278	-0.341
	106	-0.007	24.28	0.449
	107	-0.324	7.689	-0.008
	108	0.16	9.233	-0.007
	109	0.004	8.125	-0.535
	110	-0.008	11.129	0.767
	111	-0.341	18.159	-0.014
	112	0.154	19.916	-0.01
	113	0.002	18.834	-0.548
	114	-0.009	21.968	0.761
	115	-0.33	10.696	-0.011

	116	0.158	12.307	-0.009
	117	0.003	11.173	-0.54
	118	-0.007	14.182	0.765
9405	101	0.001	6.207	0.024
	102	0	6.333	0.02
	103	-0.161	6.323	0.024
	104	0.081	6.346	0.022
	105	0.011	5.958	-0.145
	106	-0.001	6.953	0.31
	107	-0.218	4.571	0.017
	108	0.101	4.613	0.018
	109	0.008	3.987	-0.251
	110	-0.001	5.604	0.499
	111	-0.238	6.269	0.022
	112	0.114	6.319	0.025
	113	0.016	5.68	-0.25
	114	-0.002	7.313	0.503
	115	-0.226	6.179	0.023
	116	0.105	6.223	0.025
	117	0.006	5.592	-0.247
	118	-0.001	7.214	0.505
9418	101	0	9.59	0.009
	102	0	9.584	-0.003
	103	-0.218	9.593	0.009
	104	0.245	9.578	-0.003
	105	0.001	9.692	-0.268
	106	0.008	9.418	0.491
	107	-0.309	7.121	0.021
	108	0.38	7.095	0.003
	109	-0.002	7.272	-0.435
	110	0.072	6.828	0.831
	111	-0.331	9.602	0.014
	112	0.386	9.575	0.001
	113	-0.003	9.76	-0.442
	114	0.029	9.309	0.826
	115	-0.312	9.607	0.023
	116	0.38	9.581	0.005
	117	-0.002	9.759	-0.435
	118	0.047	9.313	0.833
9419	101	0.003	5.251	-0.017
	102	0.02	5.302	-0.024
	103	-0.13	5.295	-0.016
	104	0.285	5.3	-0.024
	105	0.01	5.639	-0.184
	106	0.017	4.702	0.351

	107	-0.313	3.891	-0.004
	108	0.44	3.889	-0.015
	109	-0.001	4.452	-0.28
	110	-0.019	2.895	0.612
	111	-0.269	5.288	-0.013
	112	0.458	5.282	-0.022
	113	0.007	5.85	-0.29
	114	0.023	4.287	0.604
	115	-0.313	5.252	-0.009
	116	0.454	5.251	-0.019
	117	-0.001	5.817	-0.286
	118	-0.012	4.255	0.608
9420	101	0	11.881	-0.005
	102	-0.002	23.449	-0.022
	103	-0.201	24.23	-0.009
	104	0.213	23.098	-0.021
	105	-0.001	23.88	-0.286
	106	-0.004	23.901	0.465
	107	-0.293	10.096	0.01
	108	0.364	8.241	-0.007
	109	0.004	9.371	-0.444
	110	-0.004	10.401	0.807
	111	-0.307	21.279	-0.003
	112	0.352	19.411	-0.016
	113	-0.001	20.543	-0.458
	114	-0.004	21.197	0.795
	115	-0.3	13.199	0.008
	116	0.367	11.325	-0.009
	117	0.002	12.496	-0.448
	118	-0.002	13.447	0.805
9421	101	0	12.311	-0.004
	102	-0.002	24.349	-0.015
	103	-0.286	24.68	-0.003
	104	0.235	24.221	-0.015
	105	-0.001	24.516	-0.268
	106	-0.006	25.663	0.45
	107	-0.373	9.736	0.01
	108	0.343	8.908	-0.006
	109	-0.002	9.378	-0.424
	110	0.049	11.608	0.772
	111	-0.416	21.251	0.002
	112	0.365	20.564	-0.011
	113	-0.001	20.971	-0.434
	114	0.003	23.099	0.764
	115	-0.384	12.937	0.009

	116	0.355	12.1	-0.007
	117	-0.001	12.605	-0.428
	118	0.039	14.81	0.771
9422	101	0	11.943	-0.011
	102	-0.004	22.912	-0.018
	103	-0.179	23.41	-0.007
	104	0.124	22.507	-0.018
	105	0	22.609	-0.331
	106	-0.006	24.243	0.439
	107	-0.261	9.663	0.005
	108	0.217	8.252	-0.011
	109	0.005	8.375	-0.527
	110	-0.006	10.825	0.755
	111	-0.27	20.434	-0.003
	112	0.211	18.976	-0.016
	113	0.002	19.169	-0.537
	114	-0.007	21.695	0.748
	115	-0.265	12.75	0.002
	116	0.215	11.338	-0.015
	117	0.003	11.458	-0.533
	118	-0.006	13.904	0.752
9423	101	-0.002	6.253	0.023
	102	-0.002	6.383	0.02
	103	-0.136	6.402	0.027
	104	0.08	6.38	0.02
	105	0.011	6.032	-0.143
	106	-0.007	6.967	0.31
	107	-0.182	4.657	0.026
	108	0.102	4.623	0.015
	109	0.01	4.05	-0.253
	110	-0.008	5.585	0.502
	111	-0.2	6.369	0.029
	112	0.114	6.339	0.021
	113	0.017	5.761	-0.25
	114	-0.009	7.305	0.506
	115	-0.19	6.278	0.031
	116	0.105	6.244	0.021
	117	0.008	5.667	-0.249
	118	-0.009	7.207	0.508
9436	101	0.001	9.659	0
	102	0.003	9.878	-0.012
	103	-0.183	11.254	-0.005
	104	0.255	9.663	-0.015
	105	0.005	10.059	-0.28
	106	0.011	9.686	0.448

	107	-0.277	8.097	0.001
	108	0.399	7.159	-0.004
	109	-0.001	7.428	-0.44
	110	0.079	6.901	0.756
	111	-0.288	11.217	-0.004
	112	0.405	9.664	-0.013
	113	0.001	10.107	-0.451
	114	0.031	9.394	0.752
	115	-0.278	10.746	0.002
	116	0.4	9.664	-0.005
	117	-0.001	9.913	-0.442
	118	0.052	9.402	0.757
9437	101	0.005	5.329	-0.022
	102	0.029	5.678	-0.029
	103	-0.097	6.571	-0.025
	104	0.328	5.372	-0.031
	105	0.022	6.492	-0.192
	106	0.025	4.804	0.328
	107	-0.239	4.19	-0.016
	108	0.5	3.944	-0.019
	109	0.007	5.229	-0.283
	110	-0.011	0.661	0.57
	111	-0.203	6.323	-0.024
	112	0.524	5.36	-0.03
	113	0.019	6.895	-0.295
	114	0.031	4.424	0.563
	115	-0.239	5.669	-0.021
	116	0.516	5.324	-0.025
	117	0.007	6.623	-0.29
	118	-0.006	2.505	0.565
9438	101	0	12.484	-0.013
	102	-0.001	24.352	-0.029
	103	-0.178	24.387	-0.023
	104	0.229	24.438	-0.032
	105	0.001	24.62	-0.297
	106	-0.005	24.062	0.422
	107	-0.271	9.969	-0.009
	108	0.394	9.366	-0.013
	109	0.005	9.593	-0.448
	110	-0.006	9.287	0.733
	111	-0.279	21.213	-0.02
	112	0.38	20.945	-0.029
	113	0.001	21.113	-0.465
	114	-0.005	20.348	0.722
	115	-0.276	13.223	-0.011

	116	0.396	12.595	-0.018
	117	0.004	12.844	-0.454
	118	-0.004	12.53	0.73
9439	101	0	12.391	-0.008
	102	-0.002	24.269	-0.02
	103	-0.268	24.51	-0.014
	104	0.258	24.353	-0.022
	105	-0.001	24.867	-0.276
	106	-0.004	24.771	0.409
	107	-0.356	9.878	-0.005
	108	0.376	9.287	-0.01
	109	-0.002	9.555	-0.426
	110	0.054	10.073	0.699
	111	-0.394	21.28	-0.012
	112	0.401	20.842	-0.021
	113	-0.002	21.43	-0.439
	114	0.007	21.554	0.692
	115	-0.366	13.068	-0.007
	116	0.389	12.507	-0.013
	117	-0.002	12.85	-0.431
	118	0.044	13.286	0.697
9440	101	0	12.645	-0.01
	102	-0.003	23.339	-0.018
	103	-0.152	23.151	-0.012
	104	0.136	23.72	-0.02
	105	0.003	23.386	-0.327
	106	-0.004	24.55	0.4
	107	-0.228	9.761	-0.007
	108	0.235	9.535	-0.011
	109	0.009	9.288	-0.517
	110	-0.005	11.402	0.68
	111	-0.234	20.213	-0.011
	112	0.23	20.476	-0.02
	113	0.007	20.234	-0.527
	114	-0.006	22.153	0.676
	115	-0.23	12.919	-0.009
	116	0.233	12.827	-0.015
	117	0.006	12.57	-0.522
	118	-0.005	14.65	0.678
9441	101	-0.006	5.362	0.012
	102	-0.016	5.267	0.005
	103	-0.189	5.68	0.008
	104	0.044	5.041	0.003
	105	-0.026	4.437	-0.158
	106	-0.014	5.825	0.271

	107	-0.262	4.573	0.009
	108	0.116	3.807	0.006
	109	-0.021	2.791	-0.258
	110	-0.006	4.87	0.447
	111	-0.28	5.939	0.009
	112	0.106	5.069	0.004
	113	-0.036	4.005	-0.261
	114	-0.013	6.233	0.448
	115	-0.272	5.985	0.012
	116	0.115	5.139	0.009
	117	-0.024	4.159	-0.257
	118	-0.007	6.251	0.451
9454	101	0	12.604	-0.013
	102	-0.002	21.612	-0.03
	103	-0.241	20.78	-0.029
	104	0.213	22.081	-0.035
	105	-0.001	21.568	-0.316
	106	-0.004	22.123	0.533
	107	-0.371	8.001	-0.019
	108	0.372	10.108	-0.011
	109	0.003	9.31	-0.46
	110	-0.004	10.99	0.909
	111	-0.38	17.545	-0.03
	112	0.357	19.743	-0.032
	113	-0.001	18.819	-0.486
	114	-0.004	20.195	0.901
	115	-0.377	11.278	-0.022
	116	0.374	13.377	-0.016
	117	0.002	12.552	-0.466
	118	-0.002	14.193	0.907
9455	101	0	12.171	-0.008
	102	-0.003	20.969	-0.02
	103	-0.339	20.729	-0.02
	104	0.258	21.239	-0.025
	105	0	22.122	-0.294
	106	-0.009	20.329	0.515
	107	-0.459	8.503	-0.015
	108	0.377	9.402	-0.007
	109	0.001	10.401	-0.436
	110	0.035	8.054	0.869
	111	-0.504	17.883	-0.022
	112	0.401	18.704	-0.023
	113	0.001	19.926	-0.457
	114	-0.004	17.269	0.864
	115	-0.472	11.648	-0.017

	116	0.391	12.566	-0.01
	117	0.002	13.61	-0.441
	118	0.027	11.209	0.868
9456	101	0	12.689	-0.009
	102	-0.004	20.594	-0.019
	103	-0.198	20.071	-0.019
	104	0.126	21.005	-0.024
	105	0.001	20.93	-0.287
	106	-0.004	21.53	0.508
	107	-0.301	8.579	-0.016
	108	0.222	10.077	-0.008
	109	0.005	9.938	-0.429
	110	-0.004	11.751	0.854
	111	-0.307	17.346	-0.021
	112	0.215	18.924	-0.022
	113	0.003	18.807	-0.448
	114	-0.005	20.177	0.852
	115	-0.304	11.816	-0.018
	116	0.22	13.383	-0.012
	117	0.003	13.241	-0.434
	118	-0.004	14.982	0.853
9457	101	0.002	4.997	0.012
	102	-0.013	4.944	0.004
	103	-0.159	4.939	0.005
	104	0.08	4.941	0.002
	105	0.019	4.559	-0.209
	106	-0.007	5.647	0.334
	107	-0.205	3.684	0.003
	108	0.075	3.703	0.008
	109	0.016	3.105	-0.332
	110	-0.007	4.828	0.548
	111	-0.223	4.946	0.004
	112	0.099	4.955	0.003
	113	0.026	4.344	-0.34
	114	-0.009	6.106	0.55
	115	-0.213	4.98	0.007
	116	0.081	4.997	0.011
	117	0.014	4.396	-0.33
	118	-0.006	6.127	0.552
9458	101	0.001	4.144	-0.018
	102	0.002	4.178	-0.027
	103	-0.243	4.153	-0.027
	104	0.239	4.194	-0.031
	105	0.001	4.639	-0.231
	106	0.013	3.288	0.423

	107	-0.373	3.04	-0.02
	108	0.382	3.088	-0.014
	109	-0.004	3.802	-0.334
	110	0.08	1.613	0.723
	111	-0.386	4.131	-0.028
	112	0.385	4.195	-0.029
	113	-0.004	4.915	-0.352
	114	0.032	2.698	0.717
	115	-0.374	4.113	-0.024
	116	0.383	4.165	-0.019
	117	-0.004	4.879	-0.34
	118	0.056	2.683	0.72
9459	101	-0.003	10.665	-0.012
	102	-0.017	10.627	-0.024
	103	-0.251	10.608	-0.024
	104	0.046	10.634	-0.029
	105	-0.032	10.633	-0.3
	106	-0.014	10.666	0.499
	107	-0.352	7.869	-0.018
	108	0.116	7.907	-0.01
	109	-0.023	7.891	-0.443
	110	-0.004	7.964	0.846
	111	-0.374	10.609	-0.026
	112	0.107	10.647	-0.027
	113	-0.044	10.637	-0.464
	114	-0.012	10.706	0.841
	115	-0.364	10.633	-0.021
	116	0.116	10.671	-0.014
	117	-0.026	10.655	-0.448
	118	-0.005	10.727	0.844
9462	101	-0.001	12.6	-0.007
	102	-0.001	17.766	-0.006
	103	-0.03	17.949	0.054
	104	0.029	17.709	0.02
	105	0	17.72	-1.157
	106	-0.001	18.546	1.742
	107	-0.036	9.571	0.06
	108	0.041	9.196	0.035
	109	0.001	9.234	-1.959
	110	0.001	10.551	2.78
	111	-0.042	16.481	0.075
	112	0.044	16.094	0.036
	113	0.001	16.139	-1.934
	114	0	17.471	2.827
	115	-0.037	12.837	0.058

	116	0.042	12.465	0.031
	117	0.001	12.507	-1.953
	118	0.001	13.82	2.789
9463	101	0	12.567	0.014
	102	-0.001	17.804	0.016
	103	-0.02	18.106	0.075
	104	0.041	17.664	0.04
	105	0.001	17.79	-1.026
	106	-0.002	18.451	1.698
	107	-0.024	9.723	0.076
	108	0.061	9.083	0.05
	109	0.004	9.311	-1.732
	110	-0.001	10.392	2.679
	111	-0.028	16.685	0.097
	112	0.063	16.002	0.056
	113	0.003	16.212	-1.713
	114	-0.002	17.317	2.734
	115	-0.025	12.994	0.08
	116	0.063	12.335	0.052
	117	0.004	12.575	-1.728
	118	-0.001	13.649	2.696
9821	101	-0.001	3.069	-0.008
	102	-0.005	24.977	-0.003
	103	-0.003	25.011	-0.008
	104	-0.006	24.983	-0.005
	105	-0.001	37.489	-1.451
	106	-0.006	23.352	0.292
	107	0.004	2.557	-0.077
	108	-0.001	2.301	-0.011
	109	0.008	22.874	-2.492
	110	-0.001	-0.447	0.541
	111	0	18.689	-0.042
	112	-0.005	18.393	-0.007
	113	0.004	39.53	-2.459
	114	-0.004	15.636	0.519
	115	0.004	3.42	-0.077
	116	-0.001	3.097	-0.013
	117	0.007	23.738	-2.494
	118	-0.001	0.348	0.538
9823	101	0.003	3.863	0.001
	102	-0.026	32.143	0.012
	103	-0.299	29.11	-0.007
	104	-0.015	32.247	0.007
	105	-0.071	24.469	-1.587
	106	-0.069	30.998	0.397

	107	-0.43	-2.043	-0.079
	108	0.003	2.898	-0.007
	109	-0.068	-9.054	-2.722
	110	-0.067	0.274	0.7
	111	-0.46	18.565	-0.044
	112	-0.001	23.827	0.002
	113	-0.089	10.693	-2.689
	114	-0.089	21.46	0.683
	115	-0.432	-1.126	-0.077
	116	0.005	3.909	-0.007
	117	-0.067	-8.156	-2.722
	118	-0.066	1.299	0.699
9829	101	0.004	4.132	0.007
	102	-0.002	29.936	0.035
	103	-0.324	29.171	0.001
	104	0.009	30.174	0.027
	105	0.001	29.111	-1.53
	106	-0.021	30.363	0.453
	107	-0.589	0.447	-0.074
	108	0.017	3.977	-0.003
	109	0.012	1.155	-2.631
	110	-0.033	4.624	0.752
	111	-0.57	20.489	-0.037
	112	0.022	22.504	0.016
	113	0.007	20.425	-2.597
	114	-0.035	23.43	0.75
	115	-0.594	1.565	-0.071
	116	0.02	5.074	-0.002
	117	0.012	2.215	-2.63
	118	-0.032	5.708	0.752
9843	101	0.005	3.919	0.001
	102	-0.01	32.54	0.013
	103	-0.218	30.499	-0.008
	104	0.001	32.694	0.008
	105	-0.016	34.109	-1.483
	106	-0.02	32.679	0.378
	107	-0.328	-0.486	-0.074
	108	0.004	3.068	-0.007
	109	-0.011	5.1	-2.541
	110	-0.014	3.037	0.663
	111	-0.343	20.808	-0.042
	112	0.003	24.117	0.003
	113	-0.019	26.634	-2.511
	114	-0.024	24.058	0.648
	115	-0.331	0.576	-0.073

	116	0.005	4.096	-0.007
	117	-0.01	6.169	-2.542
	118	-0.012	4.032	0.662
9849	101	0.029	2.057	0.003
	102	0.003	4.495	0.023
	103	-0.153	3.84	0.003
	104	0.029	4.738	0.018
	105	0.021	-1.813	-1.441
	106	0.064	5.971	0.364
	107	-0.231	0.636	-0.068
	108	0.027	1.741	-0.004
	109	0.017	-8.751	-2.482
	110	0.086	3.324	0.62
	111	-0.243	2.714	-0.032
	112	0.034	4.1	0.011
	113	0.021	-6.619	-2.448
	114	0.091	5.853	0.613
	115	-0.229	1.129	-0.066
	116	0.035	2.296	-0.004
	117	0.025	-8.227	-2.482
	118	0.094	3.876	0.619
9998	101	-0.005	4.048	-0.001
	102	0.008	34.077	0.002
	103	-0.074	35.935	0.202
	104	0.016	33.989	0.004
	105	0.035	37.338	-1.411
	106	0	34.323	0.318
	107	-0.127	5.599	0.449
	108	0.004	2.916	0.002
	109	-0.005	7.564	-2.376
	110	-0.001	3.546	0.627
	111	-0.125	27.593	0.397
	112	0.014	24.972	0.004
	113	0.028	30.373	-2.365
	114	0	25.492	0.588
	115	-0.129	6.654	0.445
	116	0.003	3.958	0.002
	117	-0.006	8.627	-2.376
	118	-0.003	4.574	0.626
10000	101	-0.005	3.901	0
	102	0.017	32.598	0.004
	103	-0.085	32.869	0.208
	104	0.025	32.524	0.006
	105	0.007	26.982	-1.444
	106	0	31.458	0.327

	107	-0.144	2.351	0.46
	108	0.007	2.775	0.002
	109	-0.005	-7.238	-2.438
	110	-0.004	0.245	0.643
	111	-0.142	24.226	0.408
	112	0.022	23.866	0.006
	113	-0.003	14.236	-2.425
	114	-0.002	21.637	0.602
	115	-0.145	3.466	0.457
	116	0.007	3.772	0.002
	117	-0.007	-6.219	-2.438
	118	-0.006	1.258	0.642
10003	101	-0.005	4.351	0.005
	102	-0.002	32.04	0.021
	103	-0.065	32.421	0.249
	104	0.011	31.88	0.025
	105	0.003	28.832	-1.549
	106	-0.002	32.903	0.375
	107	-0.111	4.678	0.492
	108	0.014	2.856	0.007
	109	0.009	-0.441	-2.599
	110	-0.006	5.401	0.685
	111	-0.11	24.688	0.453
	112	0.018	23.479	0.021
	113	0.007	18.929	-2.592
	114	-0.005	25.613	0.66
	115	-0.112	5.86	0.49
	116	0.015	3.955	0.009
	117	0.007	0.656	-2.599
	118	-0.008	6.499	0.686
10013	101	-0.005	3.786	-0.001
	102	0.01	30.426	0.003
	103	-0.085	31.528	0.2
	104	0.028	30.29	0.006
	105	0.007	31.765	-1.388
	106	-0.001	30.981	0.313
	107	-0.142	4.847	0.439
	108	0.012	2.61	0.002
	109	-0.004	3.089	-2.335
	110	-0.003	4.127	0.613
	111	-0.141	24.316	0.39
	112	0.028	22.233	0.006
	113	-0.002	24.019	-2.325
	114	-0.001	23.6	0.576
	115	-0.143	5.868	0.435

	116	0.013	3.572	0.002
	117	-0.005	4.105	-2.336
	118	-0.004	5.106	0.612
10018	101	-0.027	2.144	0.002
	102	-0.024	5.33	0.015
	103	0.021	6.035	0.198
	104	0.018	5.008	0.017
	105	-0.035	1.699	-1.351
	106	-0.01	6.149	0.305
	107	0.066	2.105	0.409
	108	0.002	1.445	0.003
	109	-0.036	-3.707	-2.287
	110	-0.01	2.688	0.574
	111	0.057	5.404	0.371
	112	0.018	4.07	0.014
	113	-0.045	-1.431	-2.272
	114	-0.019	5.64	0.547
	115	0.06	2.692	0.406
	116	-0.003	1.987	0.004
	117	-0.043	-3.196	-2.287
	118	-0.017	3.242	0.574
10038	101	-0.005	1.595	-0.008
	102	-0.006	10.975	-0.007
	103	-0.115	13.603	0.146
	104	-0.006	10.929	-0.006
	105	0.031	17.941	-1.13
	106	-0.007	10.285	0.239
	107	-0.188	3.872	0.359
	108	-0.003	1.15	-0.005
	109	0.092	14.368	-1.922
	110	-0.006	-0.792	0.503
	111	-0.189	11.793	0.307
	112	-0.005	8.1	-0.006
	113	0.073	20.403	-1.904
	114	-0.008	6.522	0.461
	115	-0.189	4.333	0.353
	116	-0.005	1.555	-0.007
	117	0.091	14.747	-1.924
	118	-0.007	-0.368	0.5
10054	101	-0.003	2.321	0
	102	0.011	12.918	0.005
	103	-0.362	13.006	0.045
	104	0.02	12.977	0.005
	105	0.04	14.699	-0.914
	106	-0.009	13.02	0.306

	107	-0.618	0.894	0.056
	108	0.006	1.771	0
	109	-0.004	4.583	-1.585
	110	-0.036	1.826	0.462
	111	-0.611	9.914	0.066
	112	0.018	9.808	0.003
	113	0.032	12.678	-1.561
	114	-0.027	10.163	0.482
	115	-0.62	1.535	0.056
	116	0.006	2.381	0
	117	-0.005	5.189	-1.584
	118	-0.037	2.467	0.462
10056	101	-0.003	2.346	0.001
	102	0.025	13.338	0.005
	103	-0.294	12.967	0.045
	104	0.034	13.339	0.005
	105	0.016	9.394	-0.938
	106	0.002	12.003	0.313
	107	-0.514	1.087	0.057
	108	0.009	1.812	0
	109	-0.009	-5.104	-1.627
	110	-0.023	-0.183	0.473
	111	-0.503	9.405	0.067
	112	0.029	10.103	0.003
	113	0.004	3.393	-1.602
	114	-0.011	8.027	0.493
	115	-0.516	1.695	0.057
	116	0.01	2.43	0
	117	-0.01	-4.454	-1.626
	118	-0.023	0.429	0.474
10059	101	-0.003	2.376	0.006
	102	0.002	12.539	0.016
	103	-0.162	12.67	0.062
	104	0.022	12.487	0.016
	105	0.006	11.34	-1.001
	106	0.003	13.347	0.346
	107	-0.288	2.049	0.064
	108	0.018	1.856	0.005
	109	0.002	-0.656	-1.739
	110	-0.012	3.346	0.506
	111	-0.28	10.003	0.081
	112	0.028	9.48	0.013
	113	0.009	7.191	-1.712
	114	-0.004	10.922	0.534
	115	-0.289	2.667	0.065

	116	0.02	2.517	0.006
	117	0.002	-0.027	-1.737
	118	-0.011	3.972	0.508
10069	101	-0.003	2.351	0
	102	0.018	13.273	0.005
	103	-0.231	12.953	0.043
	104	0.038	13.276	0.005
	105	0.014	13.51	-0.901
	106	0.004	13.825	0.3
	107	-0.407	0.974	0.054
	108	0.015	1.875	0
	109	-0.01	2.158	-1.561
	110	-0.013	2.609	0.452
	111	-0.398	9.35	0.063
	112	0.037	10.063	0.003
	113	0.002	10.399	-1.538
	114	-0.003	10.87	0.471
	115	-0.409	1.571	0.054
	116	0.016	2.497	0
	117	-0.011	2.767	-1.56
	118	-0.013	3.227	0.452
10074	101	0.02	1.765	0.002
	102	0.023	2.807	0.01
	103	-0.019	2.78	0.046
	104	0.076	2.835	0.01
	105	0.002	1.117	-0.93
	106	0.042	3.305	0.286
	107	-0.057	1.643	0.051
	108	0.041	1.298	0.002
	109	-0.026	-1.7	-1.613
	110	0.023	1.914	0.424
	111	-0.049	2.483	0.063
	112	0.075	2.51	0.007
	113	-0.015	-0.328	-1.588
	114	0.031	3.19	0.445
	115	-0.053	2.094	0.051
	116	0.049	1.752	0.002
	117	-0.021	-1.206	-1.611
	118	0.029	2.389	0.425
10094	101	-0.004	2.384	-0.008
	102	-0.003	14.045	-0.006
	103	-0.484	11.441	0.025
	104	-0.002	14.056	-0.006
	105	0.047	18.043	-0.742
	106	-0.028	12.864	0.237

	107	-0.805	0.084	0.041
	108	-0.001	1.782	-0.006
	109	0.101	9.267	-1.285
	110	-0.046	0.102	0.369
	111	-0.805	7.134	0.044
	112	-0.001	10.558	-0.006
	113	0.089	17.552	-1.265
	114	-0.046	8.759	0.381
	115	-0.807	0.621	0.038
	116	-0.002	2.401	-0.008
	117	0.1	9.899	-1.286
	118	-0.047	0.716	0.367
10110	101	0.008	1.983	0
	102	0.024	6.731	-0.002
	103	-0.685	7.292	0.013
	104	0.034	6.724	-0.002
	105	0.05	7.472	-0.438
	106	-0.009	6.832	0.17
	107	-1.184	2.997	0.029
	108	0.015	1.455	-0.001
	109	0.003	2.828	-0.739
	110	-0.07	1.422	0.295
	111	-1.167	6.227	0.026
	112	0.031	5.288	-0.002
	113	0.043	6.611	-0.734
	114	-0.046	5.175	0.29
	115	-1.184	3.483	0.027
	116	0.018	1.969	-0.001
	117	0.006	3.336	-0.739
	118	-0.067	1.911	0.295
10112	101	0.008	1.99	0.001
	102	0.045	6.721	-0.002
	103	-0.527	7.692	0.013
	104	0.056	6.732	-0.002
	105	0.035	4.913	-0.447
	106	0.012	6.032	0.173
	107	-0.941	3.151	0.031
	108	0.02	1.444	-0.001
	109	-0.014	-1.739	-0.757
	110	-0.041	0.374	0.302
	111	-0.915	6.917	0.028
	112	0.049	5.277	-0.002
	113	0.014	2.112	-0.75
	114	-0.014	4.173	0.296
	115	-0.941	3.669	0.029

	116	0.024	1.956	-0.001
	117	-0.011	-1.24	-0.756
	118	-0.038	0.889	0.301
10115	101	0.006	1.686	0.006
	102	0.016	5.772	0.004
	103	-0.266	6.231	0.014
	104	0.049	5.857	0.004
	105	0.02	4.715	-0.48
	106	0.016	6.458	0.195
	107	-0.488	2.03	0.021
	108	0.032	1.279	0.002
	109	-0.004	-0.716	-0.813
	110	-0.012	2.456	0.326
	111	-0.47	5.382	0.022
	112	0.053	4.619	0.003
	113	0.019	2.665	-0.806
	114	0.006	5.767	0.324
	115	-0.489	2.46	0.02
	116	0.037	1.688	0.004
	117	-0.002	-0.293	-0.811
	118	-0.008	2.887	0.327
10125	101	0.008	1.978	0
	102	0.038	6.661	-0.002
	103	-0.394	7.385	0.009
	104	0.061	6.706	-0.002
	105	0.033	6.717	-0.43
	106	0.018	6.964	0.166
	107	-0.717	2.739	0.023
	108	0.027	1.437	-0.001
	109	-0.011	1.743	-0.726
	110	-0.02	2.065	0.288
	111	-0.692	6.536	0.021
	112	0.059	5.267	-0.002
	113	0.014	5.425	-0.721
	114	0.004	5.846	0.283
	115	-0.718	3.251	0.021
	116	0.032	1.947	-0.001
	117	-0.009	2.25	-0.725
	118	-0.016	2.574	0.288
10130	101	0.005	1.086	0.002
	102	0.008	1.434	0.001
	103	-0.177	1.865	0.009
	104	0.077	1.647	0.001
	105	-0.028	1.007	-0.451
	106	0.032	1.745	0.16

	107	-0.329	1.22	0.018
	108	0.036	0.883	0
	109	-0.072	0.091	-0.762
	110	0.007	1.157	0.273
	111	-0.315	1.89	0.017
	112	0.074	1.524	0
	113	-0.053	0.66	-0.757
	114	0.019	1.702	0.27
	115	-0.33	1.507	0.017
	116	0.041	1.168	0
	117	-0.07	0.361	-0.762
	118	0.011	1.434	0.273
10150	101	0.006	1.717	-0.007
	102	0.01	7.491	-0.009
	103	-0.892	9.049	0.004
	104	0.012	7.475	-0.009
	105	0.058	9.958	-0.357
	106	-0.041	7.019	0.128
	107	-1.5	2.082	0.023
	108	0.008	1.263	-0.006
	109	0.1	5.55	-0.598
	110	-0.086	0.325	0.233
	111	-1.493	7.69	0.018
	112	0.011	5.749	-0.009
	113	0.093	10.032	-0.594
	114	-0.079	4.876	0.226
	115	-1.499	2.605	0.019
	116	0.01	1.706	-0.008
	117	0.102	5.975	-0.599
	118	-0.084	0.775	0.231
10166	101	0.002	1.355	0
	102	0.013	1.442	-0.016
	103	-0.283	-0.198	-0.333
	104	0.022	1.484	-0.022
	105	0.035	2.266	-0.333
	106	-0.007	1.355	0.128
	107	-0.493	-1.594	-0.59
	108	0.01	1.047	-0.006
	109	0.001	2.157	-0.466
	110	-0.042	0.974	0.196
	111	-0.484	-1.256	-0.576
	112	0.021	1.473	-0.019
	113	0.03	2.667	-0.503
	114	-0.029	1.329	0.203
	115	-0.493	-1.264	-0.585

	116	0.012	1.402	-0.006
	117	0.002	2.514	-0.466
	118	-0.041	1.328	0.196
10168	101	0.002	1.376	0.001
	102	0.03	1.424	-0.016
	103	-0.216	-1.749	-0.349
	104	0.041	1.441	-0.022
	105	0.022	0.075	-0.348
	106	0.004	0.84	0.135
	107	-0.394	-4.601	-0.618
	108	0.014	1.042	-0.006
	109	-0.009	-0.91	-0.486
	110	-0.026	0.05	0.204
	111	-0.38	-4.072	-0.604
	112	0.036	1.433	-0.02
	113	0.006	-0.653	-0.526
	114	-0.011	0.434	0.212
	115	-0.395	-4.226	-0.613
	116	0.016	1.404	-0.006
	117	-0.007	-0.552	-0.486
	118	-0.025	0.411	0.204
10171	101	0.001	1.081	0.006
	102	0.007	1.149	-0.012
	103	-0.098	-0.796	-0.358
	104	0.035	1.18	-0.019
	105	0.013	-0.042	-0.371
	106	0.006	1.824	0.151
	107	-0.188	-2.693	-0.64
	108	0.026	0.848	-0.003
	109	0.002	-0.822	-0.525
	110	-0.01	1.586	0.225
	111	-0.178	-2.337	-0.623
	112	0.041	1.166	-0.016
	113	0.015	-0.587	-0.565
	114	-0.001	2.056	0.235
	115	-0.188	-2.398	-0.634
	116	0.029	1.135	-0.002
	117	0.002	-0.538	-0.524
	118	-0.008	1.867	0.227
10181	101	0.002	1.368	0.001
	102	0.025	1.607	-0.015
	103	-0.09	0.653	-0.33
	104	0.045	1.664	-0.021
	105	0.02	1.841	-0.334
	106	0.007	1.833	0.129

	107	-0.183	-0.482	-0.585
	108	0.021	1.067	-0.005
	109	-0.009	1.328	-0.468
	110	-0.014	1.39	0.196
	111	-0.169	-0.023	-0.571
	112	0.044	1.612	-0.019
	113	0.005	1.894	-0.505
	114	-0.001	1.916	0.204
	115	-0.184	-0.142	-0.58
	116	0.024	1.426	-0.006
	117	-0.008	1.689	-0.468
	118	-0.012	1.749	0.196
10186	101	0.001	0.667	0.002
	102	0.003	0.642	-0.012
	103	-0.065	-0.022	-0.309
	104	0.062	0.723	-0.019
	105	-0.027	0.262	-0.33
	106	0.022	0.848	0.124
	107	-0.124	-0.657	-0.549
	108	0.029	0.563	-0.004
	109	-0.057	-0.098	-0.468
	110	0.005	0.723	0.187
	111	-0.117	-0.508	-0.536
	112	0.061	0.747	-0.016
	113	-0.047	0.067	-0.503
	114	0.012	0.915	0.195
	115	-0.125	-0.493	-0.544
	116	0.033	0.742	-0.004
	117	-0.057	0.075	-0.468
	118	0.007	0.902	0.188
10206	101	0.002	1.243	0
	102	0.004	1.569	-0.015
	103	-0.274	0.846	-0.322
	104	0.006	1.622	-0.021
	105	0.041	3.795	-0.319
	106	-0.022	0.754	0.124
	107	-0.465	0.123	-0.569
	108	0.004	0.975	-0.006
	109	0.083	3.892	-0.446
	110	-0.046	-0.092	0.189
	111	-0.461	0.527	-0.556
	112	0.005	1.54	-0.018
	113	0.072	4.772	-0.482
	114	-0.042	0.315	0.196
	115	-0.465	0.399	-0.564

	116	0.004	1.302	-0.006
	117	0.083	4.217	-0.446
	118	-0.045	0.225	0.189
10214	101	0	1.016	-0.008
	102	-0.001	1.028	-0.019
	103	-0.286	1.086	-0.256
	104	-0.002	1.03	-0.024
	105	0.004	1.12	-0.266
	106	-0.009	0.986	0.093
	107	-0.476	0.869	-0.446
	108	-0.001	0.756	-0.01
	109	0.007	0.881	-0.37
	110	-0.022	0.704	0.149
	111	-0.477	1.133	-0.438
	112	-0.003	1.028	-0.021
	113	0.006	1.162	-0.4
	114	-0.019	0.967	0.152
	115	-0.476	1.131	-0.445
	116	-0.001	1.021	-0.012
	117	0.007	1.145	-0.372
	118	-0.022	0.967	0.147
18027	101	0	11.636	-0.002
	102	-0.001	11.622	-0.01
	103	-0.174	11.646	-0.015
	104	0.029	11.621	-0.005
	105	0.004	11.602	-0.152
	106	0	11.688	0.46
	107	-0.283	8.639	-0.017
	108	0.04	8.62	0.006
	109	0.006	8.59	-0.224
	110	-0.002	8.714	0.772
	111	-0.287	11.654	-0.02
	112	0.044	11.626	0
	113	0.006	11.595	-0.235
	114	-0.001	11.726	0.771
	115	-0.282	11.66	-0.016
	116	0.04	11.637	0.007
	117	0.006	11.606	-0.227
	118	-0.001	11.733	0.774
18029	101	0	11.625	-0.006
	102	-0.001	12.014	-0.017
	103	-0.132	12.042	-0.022
	104	0.024	12.005	-0.012
	105	0.001	12.042	-0.153
	106	-0.001	11.993	0.421

	107	-0.215	8.687	-0.019
	108	0.038	8.594	0.003
	109	0.002	8.659	-0.218
	110	0.002	8.584	0.717
	111	-0.217	11.962	-0.025
	112	0.039	11.879	-0.006
	113	0.002	11.943	-0.232
	114	0	11.868	0.712
	115	-0.213	11.699	-0.02
	116	0.038	11.606	0.003
	117	0.002	11.674	-0.222
	118	0.001	11.595	0.717
18031	101	0	12.932	-0.006
	102	0	25.243	-0.014
	103	-0.047	25.33	-0.018
	104	0.018	25.216	-0.009
	105	0	25.243	-0.149
	106	-0.007	25.314	0.414
	107	-0.085	9.79	-0.018
	108	0.03	9.533	0.002
	109	0	9.594	-0.217
	110	-0.017	9.725	0.7
	111	-0.083	21.735	-0.021
	112	0.03	21.502	-0.005
	113	0	21.555	-0.229
	114	-0.013	21.684	0.697
	115	-0.084	13.139	-0.018
	116	0.03	12.885	0.002
	117	0	12.946	-0.221
	118	-0.016	13.077	0.7
18033	101	0	12.942	-0.008
	102	0	25.267	-0.016
	103	-0.04	25.346	-0.019
	104	0.014	25.23	-0.011
	105	0	25.305	-0.152
	106	0.002	25.308	0.406
	107	-0.076	9.799	-0.019
	108	0.024	9.534	0
	109	0.001	9.666	-0.22
	110	-0.002	9.712	0.688
	111	-0.073	21.75	-0.023
	112	0.024	21.509	-0.006
	113	0.001	21.64	-0.233
	114	0.002	21.672	0.685
	115	-0.075	13.151	-0.02

	116	0.023	12.885	0
	117	0.001	13.022	-0.225
	118	0	13.063	0.688
18035	101	0	11.724	-0.01
	102	0	12.129	-0.015
	103	-0.026	12.161	-0.018
	104	0.005	12.114	-0.011
	105	-0.001	12.115	-0.161
	106	-0.002	12.197	0.425
	107	-0.052	8.742	-0.019
	108	0.01	8.664	-0.001
	109	-0.001	8.675	-0.237
	110	-0.003	8.802	0.716
	111	-0.048	12.063	-0.022
	112	0.009	11.984	-0.007
	113	-0.001	11.993	-0.248
	114	-0.003	12.124	0.714
	115	-0.051	11.781	-0.021
	116	0.009	11.702	-0.002
	117	-0.001	11.714	-0.242
	118	-0.003	11.839	0.715
18047	101	0	12.832	-0.002
	102	0	22.749	-0.008
	103	-0.046	22.817	0.017
	104	0.018	22.736	-0.007
	105	0	22.789	-0.194
	106	-0.001	22.758	0.439
	107	-0.084	9.609	0.037
	108	0.032	9.495	0.001
	109	0	9.576	-0.296
	110	-0.007	9.552	0.736
	111	-0.082	19.882	0.032
	112	0.032	19.762	-0.004
	113	0	19.844	-0.306
	114	-0.003	19.81	0.735
	115	-0.084	12.934	0.037
	116	0.031	12.82	0.001
	117	0	12.902	-0.298
	118	-0.006	12.879	0.737
18049	101	0	12.759	-0.005
	102	0	22.661	-0.01
	103	-0.037	22.709	0.013
	104	0.015	22.637	-0.009
	105	0	22.747	-0.2
	106	-0.001	22.632	0.433

	107	-0.07	9.539	0.033
	108	0.025	9.426	0
	109	0	9.594	-0.304
	110	-0.008	9.489	0.727
	111	-0.067	19.776	0.027
	112	0.025	19.658	-0.006
	113	0	19.834	-0.315
	114	-0.003	19.695	0.725
	115	-0.069	12.844	0.032
	116	0.024	12.729	-0.001
	117	0	12.904	-0.308
	118	-0.006	12.789	0.727
18051	101	0	11.617	-0.005
	102	0	11.925	-0.009
	103	-0.027	11.949	0.014
	104	0.005	11.912	-0.007
	105	-0.001	11.9	-0.206
	106	-0.001	12.031	0.433
	107	-0.054	8.644	0.032
	108	0.012	8.59	-0.001
	109	0.001	8.583	-0.316
	110	-0.002	8.812	0.724
	111	-0.051	11.872	0.028
	112	0.011	11.813	-0.005
	113	0.001	11.804	-0.326
	114	-0.002	12.028	0.724
	115	-0.053	11.656	0.031
	116	0.011	11.599	-0.002
	117	0.001	11.593	-0.319
	118	-0.002	11.821	0.724
18053	101	0	11.633	-0.009
	102	0	11.622	-0.016
	103	-0.021	11.62	0.007
	104	0.002	11.622	-0.014
	105	-0.001	11.648	-0.229
	106	-0.003	11.573	0.442
	107	-0.034	8.614	0.029
	108	0.005	8.617	-0.003
	109	0.001	8.656	-0.345
	110	-0.004	8.536	0.747
	111	-0.035	11.622	0.022
	112	0.005	11.625	-0.01
	113	-0.001	11.666	-0.358
	114	-0.004	11.544	0.744
	115	-0.034	11.63	0.027

	116	0.005	11.633	-0.005
	117	0.001	11.673	-0.349
	118	-0.004	11.552	0.746
18063	101	0	9.454	-0.004
	102	0	9.888	-0.016
	103	-0.058	9.933	0.017
	104	0.016	9.877	-0.014
	105	0.001	9.893	-0.245
	106	0.001	9.928	0.55
	107	-0.11	7.07	0.048
	108	0.034	6.993	0
	109	0.001	7.021	-0.366
	110	0.001	7.085	0.928
	111	-0.106	9.826	0.038
	112	0.032	9.744	-0.009
	113	0.001	9.772	-0.382
	114	0.002	9.836	0.924
	115	-0.108	9.52	0.047
	116	0.033	9.442	0
	117	0.001	9.47	-0.37
	118	0.002	9.537	0.929
18067	101	-0.001	11.676	-0.015
	102	-0.003	11.668	-0.027
	103	-0.022	11.668	-0.027
	104	0.005	11.668	-0.032
	105	0	11.696	-0.323
	106	-0.001	11.621	0.526
	107	-0.029	8.649	-0.021
	108	0.008	8.649	-0.012
	109	0	8.693	-0.477
	110	0.001	8.572	0.893
	111	-0.031	11.67	-0.03
	112	0.009	11.671	-0.03
	113	0.001	11.716	-0.5
	114	0	11.593	0.887
	115	-0.03	11.676	-0.025
	116	0.008	11.676	-0.017
	117	0	11.72	-0.484
	118	0.001	11.599	0.89
18069	101	-0.001	11.574	-0.01
	102	-0.002	11.788	-0.02
	103	-0.026	11.773	-0.02
	104	0.004	11.8	-0.025
	105	-0.004	11.767	-0.307
	106	-0.002	11.862	0.53

	107	-0.04	8.548	-0.017
	108	0.015	8.594	-0.009
	109	-0.003	8.544	-0.46
	110	-0.002	8.712	0.891
	111	-0.041	11.697	-0.023
	112	0.012	11.744	-0.023
	113	-0.005	11.693	-0.48
	114	-0.002	11.854	0.888
	115	-0.041	11.547	-0.02
	116	0.014	11.595	-0.012
	117	-0.003	11.544	-0.465
	118	-0.002	11.712	0.89
18071	101	0	12.649	-0.009
	102	0	21.702	-0.021
	103	-0.028	21.666	-0.021
	104	0.014	21.736	-0.026
	105	0.001	21.805	-0.304
	106	0	21.659	0.533
	107	-0.044	9.307	-0.016
	108	0.028	9.421	-0.008
	109	0.001	9.506	-0.452
	110	0.004	9.345	0.899
	111	-0.045	18.923	-0.023
	112	0.027	19.039	-0.024
	113	0.001	19.138	-0.473
	114	0.001	18.936	0.895
	115	-0.045	12.583	-0.018
	116	0.028	12.702	-0.011
	117	0.001	12.79	-0.457
	118	0.003	12.621	0.898
18073	101	0	12.738	-0.006
	102	0	21.841	-0.018
	103	-0.031	21.793	-0.018
	104	0.018	21.875	-0.023
	105	0.001	21.877	-0.299
	106	-0.001	21.87	0.54
	107	-0.049	9.351	-0.014
	108	0.037	9.49	-0.006
	109	0.001	9.477	-0.447
	110	0.001	9.523	0.91
	111	-0.05	19.029	-0.02
	112	0.034	19.166	-0.021
	113	0.002	19.157	-0.467
	114	-0.001	19.177	0.905
	115	-0.05	12.654	-0.016

	116	0.037	12.793	-0.008
	117	0.002	12.78	-0.451
	118	0.001	12.823	0.909
18083	101	0	9.448	-0.008
	102	-0.001	9.793	-0.026
	103	-0.035	9.759	-0.025
	104	0.022	9.813	-0.032
	105	-0.003	9.795	-0.349
	106	0.002	9.831	0.621
	107	-0.057	6.943	-0.016
	108	0.048	7.031	-0.008
	109	-0.004	7.002	-0.514
	110	0.01	7.101	1.054
	111	-0.057	9.633	-0.026
	112	0.043	9.724	-0.028
	113	-0.005	9.691	-0.541
	114	0.006	9.775	1.046
	115	-0.057	9.393	-0.018
	116	0.047	9.48	-0.011
	117	-0.004	9.45	-0.519
	118	0.008	9.547	1.053
18087	101	0	11.557	-0.002
	102	0.001	11.558	-0.014
	103	-0.022	11.625	-0.008
	104	0.026	11.543	-0.017
	105	-0.001	11.543	-0.276
	106	0.007	11.616	0.451
	107	-0.038	8.597	-0.001
	108	0.041	8.56	-0.006
	109	-0.003	8.534	-0.432
	110	0.015	8.613	0.765
	111	-0.037	11.621	-0.006
	112	0.042	11.547	-0.015
	113	-0.003	11.532	-0.442
	114	0.012	11.657	0.76
	115	-0.038	11.6	-0.001
	116	0.041	11.556	-0.007
	117	-0.003	11.53	-0.434
	118	0.013	11.62	0.764
18089	101	0	12.937	-0.006
	102	0	25.137	-0.017
	103	-0.027	25.154	-0.011
	104	0.02	25.142	-0.02
	105	-0.001	25.159	-0.278
	106	0.003	25.194	0.428

	107	-0.043	9.642	-0.004
	108	0.04	9.59	-0.009
	109	0	9.59	-0.432
	110	0.008	9.702	0.73
	111	-0.044	21.522	-0.01
	112	0.037	21.487	-0.019
	113	0	21.495	-0.444
	114	0.005	21.573	0.724
	115	-0.044	12.997	-0.005
	116	0.04	12.944	-0.011
	117	0	12.948	-0.436
	118	0.008	13.056	0.728
18091	101	0	12.899	-0.009
	102	0	25.052	-0.021
	103	-0.025	25.059	-0.014
	104	0.016	25.069	-0.023
	105	-0.001	25.146	-0.285
	106	-0.004	25.08	0.421
	107	-0.039	9.601	-0.006
	108	0.03	9.565	-0.011
	109	-0.003	9.674	-0.441
	110	-0.002	9.618	0.721
	111	-0.04	21.437	-0.013
	112	0.029	21.424	-0.022
	113	-0.002	21.548	-0.453
	114	-0.006	21.462	0.714
	115	-0.04	12.94	-0.008
	116	0.03	12.91	-0.014
	117	-0.002	13.023	-0.446
	118	-0.003	12.96	0.718
18093	101	-0.001	11.736	-0.013
	102	-0.002	12.041	-0.021
	103	-0.021	12.044	-0.015
	104	0.004	12.047	-0.024
	105	-0.003	12.008	-0.294
	106	0.001	12.08	0.426
	107	-0.033	8.72	-0.009
	108	0.015	8.695	-0.014
	109	-0.001	8.64	-0.457
	110	0.003	8.752	0.727
	111	-0.033	11.967	-0.015
	112	0.012	11.955	-0.024
	113	-0.003	11.898	-0.468
	114	0.002	12.011	0.721
	115	-0.034	11.759	-0.012

	116	0.014	11.736	-0.018
	117	-0.001	11.682	-0.463
	118	0.003	11.794	0.724
18103	101	0	9.362	-0.007
	102	0	9.811	-0.026
	103	-0.033	9.865	-0.018
	104	0.03	9.807	-0.029
	105	-0.002	9.879	-0.32
	106	0	9.748	0.485
	107	-0.052	7.001	-0.004
	108	0.058	6.94	-0.01
	109	-0.002	7.041	-0.489
	110	0.006	6.865	0.837
	111	-0.053	9.747	-0.015
	112	0.054	9.678	-0.026
	113	-0.003	9.783	-0.505
	114	0.001	9.574	0.826
	115	-0.052	9.434	-0.006
	116	0.057	9.368	-0.013
	117	-0.002	9.468	-0.493
	118	0.003	9.291	0.835
18107	101	0	11.664	-0.02
	102	0.004	11.668	-0.026
	103	-0.033	11.655	-0.02
	104	0.093	11.816	-0.025
	105	0.001	11.63	-0.381
	106	0.003	11.719	0.406
	107	-0.059	8.64	-0.015
	108	0.13	8.841	-0.018
	109	-0.002	8.584	-0.582
	110	-0.006	8.701	0.689
	111	-0.057	11.658	-0.018
	112	0.141	11.885	-0.027
	113	0	11.611	-0.598
	114	0.001	11.748	0.685
	115	-0.06	11.664	-0.02
	116	0.131	11.871	-0.024
	117	-0.002	11.611	-0.592
	118	-0.007	11.728	0.687
18109	101	0	12.802	0.004
	102	-0.001	24.981	-0.003
	103	-0.035	24.97	0.004
	104	0.046	25.021	0
	105	-0.003	24.949	-0.364
	106	-0.004	25.136	0.417

	107	-0.042	9.462	0.002
	108	0.067	9.542	0
	109	-0.004	9.43	-0.576
	110	-0.004	9.741	0.683
	111	-0.048	21.306	0.006
	112	0.071	21.388	-0.003
	113	-0.005	21.28	-0.587
	114	-0.005	21.586	0.686
	115	-0.043	12.78	0.003
	116	0.069	12.862	0.001
	117	-0.004	12.75	-0.581
	118	-0.004	13.06	0.688
18111	101	0	12.955	0.018
	102	-0.001	25.13	0.011
	103	-0.026	25.126	0.018
	104	0.042	25.176	0.014
	105	0.002	25.205	-0.366
	106	0.001	25.155	0.441
	107	-0.032	9.592	0.013
	108	0.062	9.677	0.01
	109	0.004	9.709	-0.592
	110	0.005	9.653	0.71
	111	-0.036	21.472	0.02
	112	0.066	21.556	0.011
	113	0.003	21.596	-0.599
	114	0.004	21.528	0.717
	115	-0.033	12.952	0.017
	116	0.064	13.036	0.014
	117	0.004	13.072	-0.593
	118	0.005	13.011	0.718
18113	101	0	11.661	-0.019
	102	0.002	11.652	-0.026
	103	-0.036	11.651	-0.028
	104	0.076	11.652	-0.026
	105	0	11.623	-0.335
	106	0.006	11.7	0.438
	107	-0.061	8.638	-0.016
	108	0.107	8.638	-0.012
	109	-0.001	8.592	-0.517
	110	0.005	8.717	0.752
	111	-0.059	11.654	-0.026
	112	0.115	11.654	-0.029
	113	-0.001	11.608	-0.533
	114	0.009	11.734	0.744
	115	-0.061	11.661	-0.021

	116	0.108	11.661	-0.017
	117	-0.001	11.615	-0.524
	118	0.005	11.74	0.749
18115	101	0	12.796	0.005
	102	0	25.131	-0.002
	103	-0.037	25.105	-0.004
	104	0.043	25.143	-0.003
	105	0	25.085	-0.321
	106	-0.001	25.264	0.442
	107	-0.045	9.441	0.001
	108	0.061	9.502	0.005
	109	0.001	9.417	-0.515
	110	0	9.722	0.735
	111	-0.052	21.388	-0.002
	112	0.065	21.449	-0.006
	113	0.001	21.362	-0.524
	114	-0.001	21.665	0.735
	115	-0.047	12.758	0.003
	116	0.063	12.819	0.006
	117	0.001	12.734	-0.516
	118	0	13.04	0.739
18117	101	0	12.947	0.018
	102	0	25.259	0.012
	103	-0.029	25.225	0.01
	104	0.038	25.282	0.011
	105	0.002	25.314	-0.323
	106	-0.001	25.28	0.465
	107	-0.037	9.544	0.011
	108	0.055	9.624	0.015
	109	0.003	9.68	-0.53
	110	0	9.634	0.76
	111	-0.041	21.513	0.012
	112	0.058	21.602	0.008
	113	0.003	21.654	-0.537
	114	-0.001	21.606	0.763
	115	-0.038	12.899	0.016
	116	0.056	12.98	0.02
	117	0.003	13.039	-0.528
	118	0	12.99	0.768
18119	101	0	11.661	-0.017
	102	0.002	11.653	-0.012
	103	-0.04	11.652	-0.017
	104	0.065	11.652	-0.02
	105	0.001	11.623	-0.338
	106	0.006	11.7	0.436

	107	-0.064	8.638	-0.008
	108	0.092	8.637	-0.018
	109	0.001	8.588	-0.554
	110	0.006	8.712	0.71
	111	-0.064	11.655	-0.013
	112	0.099	11.654	-0.025
	113	0.001	11.606	-0.556
	114	0.009	11.731	0.717
	115	-0.065	11.661	-0.013
	116	0.093	11.661	-0.022
	117	0.001	11.611	-0.56
	118	0.006	11.736	0.707
18121	101	0	12.791	0.006
	102	-0.001	25.062	0.013
	103	-0.044	25.1	0.007
	104	0.043	25.041	0.004
	105	0	25.035	-0.324
	106	-0.001	25.192	0.441
	107	-0.055	9.538	0.009
	108	0.061	9.443	0
	109	0.001	9.439	-0.552
	110	0.001	9.714	0.694
	111	-0.062	21.438	0.011
	112	0.065	21.345	-0.002
	113	0	21.341	-0.547
	114	0	21.609	0.708
	115	-0.057	12.855	0.01
	116	0.063	12.759	0.001
	117	0.001	12.755	-0.552
	118	0.001	13.03	0.697
18123	101	0	12.935	0.02
	102	0	25.164	0.027
	103	-0.038	25.197	0.021
	104	0.035	25.151	0.018
	105	0.001	25.259	-0.325
	106	0.001	25.184	0.464
	107	-0.048	9.63	0.019
	108	0.05	9.553	0.01
	109	0.001	9.729	-0.569
	110	0.002	9.62	0.718
	111	-0.054	21.543	0.025
	112	0.053	21.472	0.012
	113	0.001	21.646	-0.56
	114	0.001	21.533	0.736
	115	-0.05	12.984	0.024

	116	0.051	12.906	0.015
	117	0.001	13.084	-0.565
	118	0.002	12.973	0.725
18125	101	0	11.664	-0.023
	102	0.001	11.659	-0.01
	103	-0.048	11.667	-0.025
	104	0.059	11.655	-0.023
	105	0.012	11.622	-0.526
	106	-0.022	11.744	0.763
	107	-0.076	8.616	-0.008
	108	0.082	8.639	-0.022
	109	0.017	8.573	-0.838
	110	-0.046	8.754	1.32
	111	-0.076	11.652	-0.02
	112	0.089	11.657	-0.028
	113	0.019	11.598	-0.85
	114	-0.041	11.805	1.308
	115	-0.078	11.643	-0.016
	116	0.083	11.663	-0.028
	117	0.017	11.601	-0.846
	118	-0.046	11.782	1.315
18127	101	0	12.861	0.001
	102	-0.001	25.196	0.016
	103	-0.054	25.208	0
	104	0.046	25.203	0.002
	105	0.001	25.163	-0.509
	106	-0.003	25.313	0.77
	107	-0.068	9.574	0.01
	108	0.067	9.539	-0.004
	109	0.003	9.488	-0.833
	110	-0.002	9.763	1.306
	111	-0.076	21.527	0.005
	112	0.07	21.506	-0.004
	113	0.003	21.455	-0.839
	114	-0.003	21.709	1.302
	115	-0.07	12.907	0.008
	116	0.069	12.874	-0.004
	117	0.003	12.822	-0.835
	118	-0.002	13.096	1.308
18129	101	0	12.913	0.008
	102	-0.001	25.226	0.024
	103	-0.053	25.266	0.008
	104	0.037	25.244	0.01
	105	0.006	25.312	-0.507
	106	-0.017	25.261	0.776

	107	-0.067	9.622	0.015
	108	0.054	9.582	0.001
	109	0.011	9.688	-0.836
	110	-0.028	9.626	1.309
	111	-0.075	21.587	0.013
	112	0.057	21.553	0.004
	113	0.01	21.667	-0.84
	114	-0.028	21.587	1.307
	115	-0.069	12.971	0.016
	116	0.055	12.93	0.003
	117	0.01	13.038	-0.837
	118	-0.028	12.971	1.313
18131	101	-0.001	11.669	0.005
	102	-0.001	11.658	0.014
	103	-0.022	11.657	0.005
	104	0.012	11.657	0.005
	105	-0.012	11.608	-0.444
	106	0.014	11.748	0.794
	107	-0.03	8.644	0.011
	108	0.017	8.644	0.006
	109	-0.017	8.566	-0.715
	110	0.028	8.799	1.36
	111	-0.032	11.66	0.009
	112	0.019	11.66	0.003
	113	-0.018	11.581	-0.726
	114	0.026	11.815	1.35
	115	-0.031	11.669	0.011
	116	0.017	11.67	0.007
	117	-0.017	11.591	-0.716
	118	0.027	11.825	1.362
18133	101	0	12.861	-0.002
	102	0	25.106	0.007
	103	-0.022	25.052	-0.002
	104	0.014	25.137	-0.002
	105	0.001	25.073	-0.451
	106	-0.004	25.255	0.769
	107	-0.031	9.458	0.006
	108	0.025	9.579	0
	109	0.001	9.499	-0.719
	110	-0.006	9.837	1.325
	111	-0.033	21.352	0.001
	112	0.024	21.483	-0.005
	113	0.001	21.392	-0.733
	114	-0.007	21.715	1.313
	115	-0.032	12.789	0.004

	116	0.025	12.914	-0.001
	117	0.001	12.831	-0.722
	118	-0.006	13.171	1.325
18135	101	0	12.909	-0.005
	102	0	25.135	0.004
	103	-0.023	25.091	-0.004
	104	0.011	25.167	-0.005
	105	-0.006	25.196	-0.455
	106	0.008	25.207	0.76
	107	-0.032	9.506	0.004
	108	0.022	9.614	-0.002
	109	-0.009	9.665	-0.724
	110	0.017	9.689	1.311
	111	-0.034	21.4	-0.001
	112	0.021	21.518	-0.008
	113	-0.009	21.57	-0.738
	114	0.015	21.594	1.3
	115	-0.032	12.851	0.002
	116	0.022	12.962	-0.004
	117	-0.009	13.012	-0.727
	118	0.017	13.036	1.311
18137	101	0	11.555	0.008
	102	0.003	11.544	0.012
	103	-0.017	11.543	0.008
	104	0.028	11.544	0.012
	105	0.002	11.514	-0.267
	106	0.003	11.606	0.529
	107	-0.031	8.561	0.014
	108	0.038	8.56	0.009
	109	0	8.511	-0.447
	110	0.004	8.661	0.859
	111	-0.029	11.548	0.017
	112	0.041	11.547	0.01
	113	0.001	11.498	-0.447
	114	0.004	11.65	0.865
	115	-0.031	11.557	0.017
	116	0.039	11.556	0.011
	117	0	11.507	-0.445
	118	0.003	11.657	0.862
18139	101	0	12.94	0.001
	102	0	25.186	0.005
	103	-0.024	25.25	0.001
	104	0.016	25.159	0.005
	105	0	25.169	-0.273
	106	0	25.339	0.503

	107	-0.035	9.695	0.009
	108	0.03	9.547	0.004
	109	0	9.575	-0.45
	110	0.002	9.906	0.823
	111	-0.037	21.62	0.01
	112	0.028	21.468	0.003
	113	0.001	21.491	-0.452
	114	0	21.799	0.828
	115	-0.035	13.052	0.01
	116	0.03	12.901	0.004
	117	0.001	12.93	-0.45
	118	0.002	13.261	0.825
18141	101	0	13.059	-0.004
	102	0	25.275	0
	103	-0.024	25.33	-0.005
	104	0.012	25.252	0
	105	-0.002	25.341	-0.282
	106	-0.001	25.374	0.495
	107	-0.034	9.761	0.004
	108	0.023	9.642	0
	109	-0.002	9.778	-0.461
	110	0.001	9.838	0.813
	111	-0.036	21.698	0.004
	112	0.022	21.576	-0.002
	113	-0.002	21.717	-0.464
	114	-0.001	21.777	0.817
	115	-0.035	13.148	0.004
	116	0.023	13.026	-0.002
	117	-0.002	13.165	-0.463
	118	0.001	13.224	0.814
18143	101	0	11.56	0.008
	102	0.002	11.568	0.005
	103	-0.02	11.546	0.003
	104	0.028	11.602	0.006
	105	0.003	11.548	-0.276
	106	0.003	11.635	0.511
	107	-0.035	8.562	0.01
	108	0.039	8.59	0.008
	109	0.001	8.53	-0.454
	110	0.004	8.634	0.842
	111	-0.034	11.55	0.009
	112	0.042	11.602	0.007
	113	0.002	11.531	-0.457
	114	0.005	11.684	0.843
	115	-0.035	11.559	0.012

	116	0.04	11.591	0.01
	117	0.001	11.527	-0.453
	118	0.004	11.644	0.845
18145	101	0	12.958	0.001
	102	0	25.202	-0.002
	103	-0.029	25.217	-0.004
	104	0.017	25.232	-0.002
	105	0	25.187	-0.282
	106	-0.001	25.333	0.487
	107	-0.042	9.633	0.005
	108	0.033	9.684	0.003
	109	0	9.574	-0.456
	110	0.001	9.886	0.811
	111	-0.044	21.559	0.002
	112	0.031	21.596	0
	113	0	21.503	-0.461
	114	-0.001	21.769	0.809
	115	-0.043	12.993	0.005
	116	0.033	13.043	0.003
	117	0	12.938	-0.458
	118	0.001	13.243	0.811
18147	101	0	13.067	-0.005
	102	0	25.28	-0.008
	103	-0.028	25.303	-0.009
	104	0.012	25.279	-0.007
	105	0	25.342	-0.292
	106	0.001	25.381	0.48
	107	-0.039	9.705	0
	108	0.025	9.707	-0.001
	109	0	9.761	-0.469
	110	0.004	9.852	0.803
	111	-0.042	21.643	-0.004
	112	0.023	21.629	-0.006
	113	0	21.718	-0.475
	114	0.002	21.781	0.8
	115	-0.04	13.093	-0.001
	116	0.025	13.091	-0.003
	117	0.001	13.154	-0.472
	118	0.003	13.236	0.802
18149	101	0	11.555	0.007
	102	0.002	11.541	-0.004
	103	-0.022	11.542	0.002
	104	0.027	11.541	-0.002
	105	0.001	11.512	-0.275
	106	0.003	11.603	0.502

	107	-0.04	8.559	0.005
	108	0.04	8.559	0.006
	109	-0.001	8.511	-0.434
	110	0.004	8.661	0.846
	111	-0.038	11.546	0
	112	0.042	11.546	0.004
	113	0	11.497	-0.445
	114	0.004	11.648	0.841
	115	-0.04	11.555	0.006
	116	0.041	11.555	0.008
	117	0	11.506	-0.435
	118	0.003	11.657	0.848
18151	101	0	12.942	0
	102	0	25.181	-0.011
	103	-0.03	25.129	-0.005
	104	0.019	25.217	-0.009
	105	0	25.17	-0.28
	106	-0.001	25.334	0.475
	107	-0.043	9.503	-0.001
	108	0.036	9.635	0.001
	109	0	9.578	-0.436
	110	0	9.896	0.809
	111	-0.046	21.424	-0.007
	112	0.034	21.563	-0.003
	113	0	21.494	-0.449
	114	-0.002	21.793	0.802
	115	-0.044	12.856	-0.002
	116	0.036	12.991	0.001
	117	0	12.935	-0.439
	118	0	13.25	0.809
18153	101	0	13.062	-0.006
	102	0	25.292	-0.016
	103	-0.029	25.237	-0.01
	104	0.013	25.321	-0.015
	105	-0.001	25.347	-0.289
	106	-0.001	25.37	0.467
	107	-0.042	9.602	-0.004
	108	0.026	9.716	-0.004
	109	-0.002	9.774	-0.447
	110	0.001	9.829	0.799
	111	-0.044	21.538	-0.012
	112	0.025	21.665	-0.008
	113	-0.002	21.72	-0.461
	114	-0.001	21.769	0.791
	115	-0.043	12.985	-0.007

	116	0.026	13.103	-0.005
	117	-0.002	13.161	-0.451
	118	0.001	13.214	0.798
18155	101	0	11.555	0.006
	102	0.001	11.541	-0.005
	103	-0.022	11.543	0.007
	104	0.027	11.541	-0.005
	105	0	11.513	-0.265
	106	0.003	11.602	0.493
	107	-0.038	8.561	0.019
	108	0.043	8.558	0.001
	109	-0.001	8.511	-0.428
	110	0.007	8.66	0.837
	111	-0.037	11.547	0.012
	112	0.044	11.545	-0.002
	113	-0.001	11.498	-0.436
	114	0.005	11.647	0.83
	115	-0.038	11.556	0.02
	116	0.043	11.554	0.002
	117	-0.001	11.507	-0.429
	118	0.006	11.655	0.838
18157	101	0	12.955	-0.001
	102	0	25.225	-0.012
	103	-0.027	25.283	0
	104	0.022	25.199	-0.012
	105	0	25.233	-0.27
	106	0	25.357	0.467
	107	-0.041	9.693	0.013
	108	0.04	9.556	-0.004
	109	0	9.604	-0.43
	110	0.003	9.859	0.8
	111	-0.043	21.638	0.005
	112	0.038	21.506	-0.009
	113	0	21.549	-0.439
	114	0	21.787	0.792
	115	-0.042	13.054	0.013
	116	0.041	12.915	-0.005
	117	0	12.966	-0.433
	118	0.002	13.217	0.799
18159	101	0	13.069	-0.007
	102	0	25.316	-0.017
	103	-0.027	25.355	-0.005
	104	0.015	25.289	-0.017
	105	-0.001	25.377	-0.279
	106	0	25.384	0.458

	107	-0.04	9.751	0.009
	108	0.03	9.64	-0.008
	109	-0.001	9.779	-0.44
	110	0.004	9.809	0.79
	111	-0.041	21.705	-0.001
	112	0.028	21.6	-0.014
	113	-0.001	21.741	-0.451
	114	0.001	21.763	0.78
	115	-0.04	13.14	0.007
	116	0.03	13.028	-0.01
	117	-0.001	13.17	-0.445
	118	0.004	13.196	0.788
18203	101	0	11.53	0.036
	102	0	11.701	0.03
	103	-0.05	11.693	0.037
	104	0.084	11.81	0.033
	105	0.002	11.597	-0.322
	106	-0.004	11.852	0.451
	107	-0.066	8.528	0.026
	108	0.125	8.683	0.024
	109	0.001	8.366	-0.538
	110	-0.008	8.79	0.711
	111	-0.073	11.637	0.038
	112	0.131	11.805	0.03
	113	0.001	11.481	-0.539
	114	-0.007	11.901	0.722
	115	-0.067	11.516	0.035
	116	0.126	11.677	0.033
	117	0	11.359	-0.534
	118	-0.008	11.779	0.723
18205	101	0	11.529	0.037
	102	0	11.708	0.031
	103	-0.05	11.698	0.029
	104	0.071	11.712	0.031
	105	0.001	11.614	-0.278
	106	-0.001	11.862	0.48
	107	-0.066	8.526	0.025
	108	0.106	8.547	0.029
	109	0	8.388	-0.475
	110	-0.001	8.806	0.769
	111	-0.072	11.638	0.031
	112	0.111	11.659	0.027
	113	0	11.5	-0.476
	114	-0.001	11.916	0.776
	115	-0.067	11.515	0.035

	116	0.107	11.536	0.038
	117	0	11.376	-0.468
	118	-0.001	11.795	0.781
18207	101	0	11.531	0.038
	102	-0.001	11.713	0.045
	103	-0.055	11.727	0.04
	104	0.064	11.705	0.037
	105	0.001	11.621	-0.28
	106	-0.002	11.865	0.479
	107	-0.072	8.564	0.033
	108	0.096	8.529	0.023
	109	0.001	8.383	-0.512
	110	0	8.798	0.728
	111	-0.079	11.681	0.043
	112	0.1	11.645	0.032
	113	0.001	11.502	-0.498
	114	-0.001	11.912	0.75
	115	-0.074	11.554	0.043
	116	0.097	11.518	0.034
	117	0.001	11.372	-0.503
	118	0	11.787	0.74
18209	101	-0.001	11.53	0.033
	102	-0.002	11.715	0.047
	103	-0.065	11.703	0.032
	104	0.063	11.713	0.034
	105	0.008	11.569	-0.467
	106	-0.018	11.961	0.806
	107	-0.085	8.537	0.033
	108	0.094	8.541	0.019
	109	0.012	8.301	-0.793
	110	-0.03	8.975	1.337
	111	-0.093	11.648	0.036
	112	0.098	11.66	0.028
	113	0.012	11.423	-0.79
	114	-0.03	12.083	1.341
	115	-0.088	11.526	0.04
	116	0.095	11.53	0.027
	117	0.012	11.294	-0.787
	118	-0.03	11.964	1.347
18211	101	-0.001	11.596	-0.014
	102	-0.001	11.852	-0.008
	103	-0.026	11.829	-0.017
	104	0.014	11.86	-0.017
	105	-0.005	11.61	-0.473
	106	0.005	12.294	0.773

	107	-0.034	8.568	-0.003
	108	0.025	8.606	-0.009
	109	-0.007	8.209	-0.739
	110	0.012	9.378	1.347
	111	-0.038	11.745	-0.013
	112	0.024	11.79	-0.019
	113	-0.007	11.385	-0.757
	114	0.011	12.544	1.331
	115	-0.035	11.572	-0.008
	116	0.025	11.612	-0.013
	117	-0.007	11.213	-0.745
	118	0.012	12.383	1.345
18213	101	0	9.327	0.004
	102	0	9.733	0.004
	103	-0.031	9.777	-0.001
	104	0.026	9.719	0.004
	105	0.001	9.799	-0.31
	106	0	9.708	0.574
	107	-0.044	6.968	0.011
	108	0.044	6.889	0.006
	109	0	7.006	-0.505
	110	0.002	6.909	0.943
	111	-0.047	9.677	0.01
	112	0.043	9.59	0.003
	113	0	9.711	-0.511
	114	0	9.59	0.946
	115	-0.045	9.388	0.013
	116	0.044	9.306	0.007
	117	0	9.424	-0.506
	118	0.001	9.325	0.946
18215	101	0	9.344	0.003
	102	0	9.76	-0.005
	103	-0.036	9.767	-0.007
	104	0.028	9.802	-0.004
	105	0	9.826	-0.321
	106	0.001	9.721	0.556
	107	-0.053	6.942	0.007
	108	0.047	7.011	0.004
	109	-0.001	7.021	-0.514
	110	0.004	6.894	0.929
	111	-0.056	9.653	0.001
	112	0.046	9.712	-0.002
	113	0	9.732	-0.522
	114	0.002	9.584	0.925
	115	-0.054	9.363	0.008

	116	0.046	9.434	0.005
	117	0	9.444	-0.515
	118	0.003	9.318	0.93
18217	101	0	9.331	0.002
	102	0	9.742	-0.015
	103	-0.038	9.703	-0.007
	104	0.029	9.758	-0.013
	105	0	9.802	-0.319
	106	0.001	9.717	0.542
	107	-0.055	6.86	0.002
	108	0.051	6.936	0.002
	109	-0.001	7.006	-0.491
	110	0.006	6.913	0.928
	111	-0.058	9.563	-0.008
	112	0.05	9.643	-0.004
	113	-0.001	9.713	-0.509
	114	0.003	9.6	0.917
	115	-0.056	9.277	0.002
	116	0.051	9.355	0.004
	117	0	9.427	-0.494
	118	0.004	9.329	0.928
18219	101	0	9.34	0.001
	102	0	9.767	-0.016
	103	-0.034	9.795	-0.003
	104	0.033	9.753	-0.016
	105	0	9.833	-0.308
	106	0.001	9.73	0.532
	107	-0.051	6.967	0.016
	108	0.059	6.896	-0.003
	109	0	7.021	-0.485
	110	0.007	6.897	0.917
	111	-0.053	9.687	0.004
	112	0.057	9.615	-0.01
	113	-0.001	9.742	-0.498
	114	0.003	9.599	0.905
	115	-0.051	9.389	0.016
	116	0.059	9.318	-0.003
	117	0	9.445	-0.487
	118	0.005	9.316	0.917
18236	101	0	11.838	0.002
	102	0	12.052	-0.007
	103	-0.315	10.942	-0.152
	104	0.014	12.47	0.002
	105	0	12.127	-0.693
	106	0	11.765	1.875

	107	-0.521	7.097	-0.178
	108	0.023	9.357	0.027
	109	0	8.922	-1.097
	110	0.001	8.317	3.158
	111	-0.523	10.23	-0.221
	112	0.023	12.637	0.016
	113	0	12.141	-1.119
	114	0	11.541	3.145
	115	-0.52	10.133	-0.188
	116	0.022	12.435	0.026
	117	0	11.977	-1.105
	118	0.001	11.379	3.158
18238	101	-0.001	11.991	0.002
	102	-0.001	12.222	-0.009
	103	-0.429	10.898	-0.151
	104	0.019	12.669	0
	105	0.001	12.312	-0.703
	106	0.002	11.791	1.601
	107	-0.709	6.713	-0.173
	108	0.026	9.518	0.024
	109	0.002	8.984	-1.112
	110	0.001	7.982	2.693
	111	-0.712	9.965	-0.219
	112	0.028	12.846	0.014
	113	0.002	12.287	-1.134
	114	0.002	11.338	2.682
	115	-0.708	9.813	-0.185
	116	0.026	12.646	0.024
	117	0.002	12.089	-1.12
	118	0.002	11.119	2.693
18241	101	0	11.491	-0.007
	102	0	11.63	-0.014
	103	-0.294	11.166	-0.157
	104	0.002	11.851	-0.007
	105	0.024	11.688	-0.829
	106	-0.037	12.108	1.141
	107	-0.499	7.742	-0.193
	108	0.004	8.833	0.018
	109	0.038	8.606	-1.313
	110	-0.061	9.359	1.918
	111	-0.496	10.804	-0.224
	112	0.004	11.93	0.007
	113	0.039	11.684	-1.339
	114	-0.061	12.42	1.911
	115	-0.499	10.723	-0.193

	116	0.004	11.821	0.017
	117	0.039	11.585	-1.322
	118	-0.061	12.339	1.917
18254	101	0	11.877	-0.012
	102	0	12.144	-0.044
	103	-0.098	12.249	-0.066
	104	0.015	12.131	-0.02
	105	0	12.155	-0.832
	106	0	11.881	1.981
	107	-0.16	8.965	-0.095
	108	0.024	8.797	0.009
	109	0.001	8.846	-1.252
	110	0.002	8.412	3.444
	111	-0.161	12.229	-0.09
	112	0.025	12.059	-0.004
	113	0.001	12.103	-1.301
	114	0.001	11.641	3.396
	115	-0.159	12.046	-0.089
	116	0.024	11.872	0.011
	117	0.001	11.915	-1.27
	118	0.002	11.46	3.438
18256	101	-0.001	12.027	-0.014
	102	-0.001	12.286	-0.048
	103	-0.145	12.585	-0.069
	104	0.021	12.226	-0.022
	105	0.002	12.312	-0.84
	106	-0.002	11.878	1.694
	107	-0.235	9.324	-0.099
	108	0.029	8.862	0.008
	109	0.003	8.935	-1.262
	110	-0.005	8.175	2.939
	111	-0.239	12.659	-0.094
	112	0.032	12.138	-0.005
	113	0.003	12.242	-1.312
	114	-0.004	11.472	2.901
	115	-0.234	12.459	-0.093
	116	0.029	11.976	0.01
	117	0.003	12.053	-1.28
	118	-0.004	11.291	2.934
18259	101	0	11.563	-0.015
	102	0	11.751	-0.045
	103	-0.021	11.753	-0.082
	104	0.002	11.777	-0.02
	105	-0.004	11.7	-1.028
	106	0.003	12.289	1.284

	107	-0.041	8.58	-0.126
	108	0.005	8.615	0.006
	109	-0.006	8.5	-1.558
	110	0.005	9.495	2.223
	111	-0.039	11.699	-0.118
	112	0.005	11.749	-0.01
	113	-0.006	11.623	-1.615
	114	0.005	12.609	2.196
	115	-0.04	11.585	-0.117
	116	0.005	11.612	0.005
	117	-0.006	11.495	-1.579
	118	0.005	12.492	2.219
18272	101	-0.001	12.096	-0.008
	102	-0.001	12.257	-0.025
	103	-0.178	13.546	0.004
	104	0.029	12.008	-0.02
	105	0.001	12.056	-0.743
	106	0.007	11.992	1.307
	107	-0.282	11.098	0.03
	108	0.037	8.57	0.01
	109	0.002	8.662	-1.132
	110	0.015	8.526	2.217
	111	-0.288	14.363	0.016
	112	0.042	11.814	-0.012
	113	0.002	11.898	-1.173
	114	0.013	11.783	2.206
	115	-0.282	14.219	0.028
	116	0.038	11.709	0.007
	117	0.002	11.787	-1.144
	118	0.014	11.649	2.214
18275	101	0	11.727	-0.012
	102	0	11.916	-0.024
	103	-0.02	12.476	-0.003
	104	0.003	11.671	-0.018
	105	0	11.759	-0.836
	106	-0.001	12.888	1.478
	107	-0.039	9.626	0.028
	108	0.008	8.323	0.002
	109	0.001	8.431	-1.287
	110	-0.002	10.396	2.511
	111	-0.037	12.805	0.009
	112	0.007	11.471	-0.013
	113	0	11.604	-1.329
	114	-0.002	13.542	2.498
	115	-0.038	12.654	0.023

	116	0.008	11.352	-0.004
	117	0.001	11.462	-1.297
	118	-0.002	13.417	2.507
18277	101	0	11.789	-0.012
	102	0	11.815	-0.025
	103	-0.015	12.222	0
	104	0.001	11.67	-0.018
	105	-0.011	11.538	-1.037
	106	0.009	12.837	1.256
	107	-0.025	9.437	0.031
	108	0.003	8.497	-0.002
	109	-0.015	8.24	-1.605
	110	0.015	10.387	2.132
	111	-0.025	12.512	0.014
	112	0.003	11.575	-0.014
	113	-0.016	11.329	-1.655
	114	0.015	13.488	2.122
	115	-0.025	12.481	0.027
	116	0.003	11.55	-0.007
	117	-0.015	11.293	-1.615
	118	0.015	13.437	2.129
18291	101	0	9.841	-0.019
	102	0	10.199	-0.037
	103	0.051	11.005	-0.002
	104	-0.005	9.958	-0.032
	105	0.005	10.515	-0.9
	106	-0.012	9.998	1.655
	107	0.056	8.511	0.034
	108	0.008	6.91	0.002
	109	0.009	7.753	-1.37
	110	-0.026	6.82	2.812
	111	0.066	11.37	0.014
	112	0.002	9.702	-0.023
	113	0.009	10.578	-1.419
	114	-0.022	9.68	2.798
	115	0.059	11.057	0.029
	116	0.006	9.488	-0.004
	117	0.009	10.294	-1.386
	118	-0.023	9.391	2.806
18293	101	0	9.797	0.003
	102	0	10.425	-0.003
	103	-0.033	10.085	0.023
	104	0.008	10.603	0.002
	105	0	10.584	-0.717
	106	0.003	9.94	1.784

	107	-0.068	6.592	0.081
	108	0.022	7.637	0.008
	109	0.001	7.577	-1.177
	110	0.004	6.455	3.001
	111	-0.064	9.608	0.057
	112	0.019	10.597	0.008
	113	0.001	10.542	-1.184
	114	0.005	9.449	2.988
	115	-0.066	9.156	0.074
	116	0.021	10.167	0.011
	117	0.001	10.109	-1.174
	118	0.005	9.012	3
18295	101	0	9.854	0.01
	102	0	10.838	0.015
	103	-0.014	11.121	0.016
	104	0.004	10.802	0.02
	105	0	10.984	-0.677
	106	0	10.407	1.573
	107	-0.04	7.922	0.014
	108	0.027	7.047	0.01
	109	0	7.652	-1.13
	110	0.004	6.481	2.64
	111	-0.034	11.111	0.018
	112	0.019	10.388	0.023
	113	0	10.85	-1.13
	114	0.001	9.774	2.624
	115	-0.039	10.463	0.017
	116	0.024	9.624	0.013
	117	0	10.198	-1.134
	118	0.004	9.036	2.638
18297	101	0	9.813	0.009
	102	0	10.729	0.014
	103	-0.014	10.737	0.018
	104	0.003	10.738	0.016
	105	0	10.87	-0.697
	106	0	10.33	1.559
	107	-0.042	7.288	0.015
	108	0.024	7.293	0.008
	109	0	7.608	-1.124
	110	0.003	6.509	2.617
	111	-0.035	10.481	0.018
	112	0.016	10.485	0.016
	113	0	10.744	-1.139
	114	0.001	9.722	2.608
	115	-0.04	9.835	0.02

	116	0.022	9.839	0.011
	117	0	10.145	-1.129
	118	0.003	9.054	2.62
18299	101	0	9.867	0.009
	102	0	10.846	0.015
	103	-0.015	10.629	0.032
	104	0.002	10.954	0.015
	105	0	10.983	-0.684
	106	0	10.465	1.573
	107	-0.045	6.758	0.025
	108	0.022	7.655	0.006
	109	0	7.639	-1.129
	110	0.002	6.632	2.645
	111	-0.038	10.089	0.037
	112	0.015	10.84	0.013
	113	0	10.826	-1.132
	114	0.001	9.858	2.63
	115	-0.043	9.336	0.03
	116	0.02	10.197	0.009
	117	0	10.188	-1.131
	118	0.002	9.187	2.641
18301	101	0	9.922	0.008
	102	0	11.016	0.016
	103	-0.013	11.303	0.016
	104	0.002	10.895	0.02
	105	0	11.178	-0.659
	106	0	10.581	1.575
	107	-0.041	8.023	0.012
	108	0.021	7.027	0.008
	109	0	7.664	-1.118
	110	0.002	6.543	2.61
	111	-0.034	11.273	0.017
	112	0.014	10.417	0.022
	113	0	10.99	-1.095
	114	0	9.935	2.621
	115	-0.039	10.576	0.015
	116	0.019	9.612	0.011
	117	0	10.23	-1.117
	118	0.002	9.117	2.612
18303	101	0	9.87	0.008
	102	0	11.016	0.017
	103	-0.011	11.024	0.02
	104	0.002	11.015	0.018
	105	0	11.158	-0.652
	106	0	10.605	1.545

	107	-0.037	7.336	0.013
	108	0.021	7.321	0.006
	109	0	7.621	-1.11
	110	0.003	6.588	2.542
	111	-0.031	10.693	0.02
	112	0.014	10.681	0.017
	113	0	10.945	-1.087
	114	0	9.969	2.552
	115	-0.035	9.894	0.016
	116	0.019	9.879	0.009
	117	0	10.172	-1.112
	118	0.002	9.15	2.545
18305	101	0	9.893	0.007
	102	0	11.013	0.018
	103	-0.011	10.79	0.034
	104	0.002	11.085	0.014
	105	0	11.138	-0.679
	106	0	10.627	1.54
	107	-0.035	6.788	0.031
	108	0.023	7.655	0.005
	109	0	7.623	-1.123
	110	0.004	6.675	2.557
	111	-0.029	10.199	0.044
	112	0.015	10.919	0.012
	113	0	10.923	-1.132
	114	0	10.002	2.559
	115	-0.034	9.372	0.033
	116	0.021	10.203	0.007
	117	0	10.18	-1.131
	118	0.003	9.24	2.56
18307	101	0	9.924	0.009
	102	0	11.036	0.021
	103	-0.011	11.273	0.02
	104	0.002	10.972	0.022
	105	0	11.159	-0.667
	106	0	10.657	1.546
	107	-0.035	7.957	0.013
	108	0.025	7.06	0.006
	109	0	7.653	-1.119
	110	0.005	6.616	2.556
	111	-0.029	11.23	0.021
	112	0.017	10.494	0.018
	113	0	10.953	-1.118
	114	0	10.029	2.559
	115	-0.034	10.505	0.016

	116	0.023	9.646	0.009
	117	0	10.215	-1.124
	118	0.003	9.194	2.555
18309	101	0	9.969	0.01
	102	0	11.317	0.033
	103	-0.012	11.335	0.044
	104	0.001	11.308	0.026
	105	0	11.461	-0.599
	106	0	10.903	1.583
	107	-0.037	7.439	0.019
	108	0.021	7.372	0.005
	109	0	7.696	-1.094
	110	0.003	6.685	2.561
	111	-0.031	10.953	0.038
	112	0.014	10.902	0.018
	113	0	11.195	-1.049
	114	0	10.223	2.588
	115	-0.035	10.018	0.025
	116	0.019	9.955	0.009
	117	0	10.274	-1.094
	118	0.003	9.269	2.567
18311	101	0	9.856	0.009
	102	0	10.783	0.023
	103	-0.013	10.425	0.054
	104	0	10.857	0.015
	105	0	10.933	-0.673
	106	0	10.456	1.577
	107	-0.041	6.662	0.024
	108	0.018	7.648	0.004
	109	0	7.597	-1.123
	110	0.002	6.695	2.604
	111	-0.034	9.871	0.052
	112	0.011	10.752	0.01
	113	0	10.794	-1.119
	114	0	9.903	2.602
	115	-0.039	9.223	0.029
	116	0.016	10.18	0.006
	117	0	10.144	-1.125
	118	0.001	9.243	2.601
18313	101	0	9.817	0.008
	102	0	10.653	0.018
	103	-0.012	11.031	0.022
	104	0	10.592	0.018
	105	-0.003	10.795	-0.782
	106	0.003	10.346	1.656

	107	-0.036	7.961	0.011
	108	0.016	6.976	0.004
	109	-0.004	7.554	-1.248
	110	0.007	6.605	2.761
	111	-0.03	11.076	0.02
	112	0.01	10.208	0.017
	113	-0.004	10.672	-1.275
	114	0.005	9.818	2.761
	115	-0.034	10.5	0.014
	116	0.014	9.542	0.007
	117	-0.004	10.094	-1.254
	118	0.007	9.169	2.762
18315	101	0	9.824	0.003
	102	0	10.615	0.007
	103	0.001	10.63	0.01
	104	-0.002	10.618	0.006
	105	0	10.763	-0.218
	106	-0.001	10.326	0.401
	107	-0.005	7.3	0.004
	108	0.005	7.279	0.002
	109	0.001	7.559	-0.35
	110	-0.001	6.661	0.655
	111	-0.003	10.408	0.009
	112	0.002	10.384	0.006
	113	0.001	10.65	-0.357
	114	-0.002	9.827	0.66
	115	-0.005	9.847	0.006
	116	0.004	9.824	0.002
	117	0.001	10.1	-0.351
	118	-0.001	9.217	0.656
18317	101	0	9.866	0.008
	102	0	10.974	0.033
	103	-0.024	10.788	0.079
	104	0.015	11.048	0.017
	105	0.004	11.035	-0.628
	106	-0.006	10.687	1.639
	107	-0.047	6.839	0.036
	108	0.041	7.528	0.004
	109	0.007	7.425	-1.121
	110	-0.005	6.835	2.654
	111	-0.044	10.243	0.078
	112	0.034	10.803	0.013
	113	0.006	10.744	-1.085
	114	-0.01	10.144	2.695
	115	-0.046	9.408	0.039

	116	0.039	10.063	0.005
	117	0.007	9.975	-1.12
	118	-0.007	9.38	2.655
18319	101	0	9.827	0.007
	102	0	10.925	0.018
	103	-0.025	11.111	0.021
	104	0.016	10.864	0.024
	105	-0.001	10.979	-0.568
	106	0.001	10.641	1.469
	107	-0.047	7.795	0.011
	108	0.044	7.076	0.003
	109	-0.001	7.417	-1.002
	110	0.007	6.797	2.388
	111	-0.045	11.023	0.021
	112	0.037	10.464	0.018
	113	-0.002	10.697	-0.968
	114	0.001	10.102	2.421
	115	-0.047	10.326	0.014
	116	0.042	9.645	0.006
	117	-0.001	9.953	-0.999
	118	0.005	9.361	2.392
18321	101	0	9.77	0.007
	102	0	10.678	0.011
	103	-0.028	10.674	0.015
	104	0.014	10.68	0.01
	105	0	10.718	-0.594
	106	0	10.419	1.419
	107	-0.05	7.247	0.015
	108	0.038	7.242	0.003
	109	0	7.373	-0.993
	110	0.005	6.782	2.338
	111	-0.048	10.413	0.026
	112	0.031	10.415	0.007
	113	-0.001	10.506	-0.989
	114	0.001	9.946	2.357
	115	-0.05	9.779	0.02
	116	0.036	9.776	0.004
	117	0	9.897	-0.993
	118	0.003	9.318	2.346
18323	101	0	9.838	0.008
	102	0	10.617	0.006
	103	-0.032	10.397	0.019
	104	0.012	10.699	0.004
	105	-0.001	10.652	-0.608
	106	0	10.416	1.39

	107	-0.056	6.778	0.031
	108	0.034	7.608	0.004
	109	-0.001	7.422	-0.993
	110	0.005	6.9	2.356
	111	-0.055	9.931	0.04
	112	0.028	10.632	0.004
	113	-0.001	10.494	-1.005
	114	0.001	10.009	2.327
	115	-0.056	9.35	0.033
	116	0.033	10.141	0.005
	117	0	9.961	-0.993
	118	0.003	9.442	2.359
18325	101	0	9.884	0.007
	102	0	10.657	0.007
	103	-0.028	10.9	0.009
	104	0.012	10.579	0.007
	105	-0.001	10.698	-0.577
	106	0.001	10.432	1.415
	107	-0.048	7.851	0.01
	108	0.032	7.058	0.003
	109	-0.001	7.451	-1
	110	0.005	6.856	2.341
	111	-0.047	10.911	0.013
	112	0.027	10.218	0.003
	113	-0.001	10.527	-0.987
	114	0.002	10.032	2.341
	115	-0.048	10.397	0.013
	116	0.031	9.632	0.004
	117	0	10.007	-0.991
	118	0.004	9.435	2.349
18327	101	0	9.699	0.004
	102	0	10.329	0.001
	103	-0.026	10.344	0.003
	104	0.013	10.328	-0.001
	105	-0.002	10.365	-0.611
	106	-0.005	10.116	1.312
	107	-0.043	7.212	0.001
	108	0.033	7.176	0.002
	109	-0.002	7.293	-1.006
	110	-0.004	6.769	2.174
	111	-0.043	10.171	0.003
	112	0.028	10.134	-0.003
	113	-0.002	10.232	-1.01
	114	-0.008	9.772	2.18
	115	-0.043	9.726	0.003

	116	0.031	9.691	0.002
	117	-0.002	9.799	-1.003
	118	-0.006	9.287	2.177
18381	101	0	9.899	0.01
	102	0	10.924	0.018
	103	-0.014	10.629	0.039
	104	0.004	10.989	0.017
	105	0	11.093	-0.662
	106	0	10.483	1.612
	107	-0.04	6.718	0.039
	108	0.024	7.645	0.008
	109	0	7.664	-1.129
	110	0.004	6.553	2.668
	111	-0.034	10.057	0.051
	112	0.017	10.837	0.016
	113	0	10.939	-1.115
	114	0.001	9.826	2.672
	115	-0.039	9.297	0.044
	116	0.022	10.189	0.011
	117	0	10.225	-1.131
	118	0.003	9.117	2.67
18385	101	0	9.877	0.006
	102	0	10.547	0.002
	103	-0.028	10.865	0.015
	104	0.007	10.41	0.011
	105	0	10.689	-0.702
	106	-0.001	10.033	1.818
	107	-0.06	7.913	0.028
	108	0.021	7.024	0.022
	109	0	7.637	-1.165
	110	-0.002	6.356	3.027
	111	-0.056	10.927	0.024
	112	0.018	10.073	0.021
	113	0	10.633	-1.169
	114	-0.001	9.401	3.023
	115	-0.059	10.46	0.028
	116	0.02	9.592	0.025
	117	0	10.189	-1.16
	118	-0.001	8.901	3.032
18386	101	0	9.869	0.009
	102	0	10.631	0.009
	103	-0.024	10.63	0.022
	104	0.007	10.636	0.016
	105	0	10.788	-0.665
	106	0	10.123	1.751

	107	-0.054	7.303	0.034
	108	0.022	7.325	0.013
	109	0	7.658	-1.125
	110	0.001	6.416	2.896
	111	-0.049	10.405	0.029
	112	0.018	10.421	0.019
	113	0	10.718	-1.121
	114	0	9.521	2.898
	115	-0.052	9.863	0.036
	116	0.021	9.881	0.017
	117	0	10.208	-1.122
	118	0.001	8.97	2.901
18387	101	0	9.9	0.01
	102	0	10.746	0.013
	103	-0.022	10.522	0.042
	104	0.007	10.851	0.017
	105	0	10.894	-0.652
	106	0	10.249	1.748
	107	-0.05	6.765	0.067
	108	0.024	7.65	0.011
	109	0	7.682	-1.124
	110	0.003	6.487	2.89
	111	-0.045	9.999	0.072
	112	0.02	10.757	0.018
	113	0	10.802	-1.112
	114	0.001	9.651	2.896
	115	-0.048	9.356	0.067
	116	0.023	10.197	0.015
	117	0	10.243	-1.122
	118	0.003	9.058	2.896
18388	101	0	9.921	0.011
	102	0	10.818	0.018
	103	-0.02	11.055	0.021
	104	0.008	10.724	0.025
	105	0	10.976	-0.646
	106	0	10.305	1.702
	107	-0.049	7.955	0.022
	108	0.027	7.072	0.018
	109	0	7.711	-1.126
	110	0.004	6.405	2.8
	111	-0.044	11.078	0.027
	112	0.022	10.316	0.025
	113	0	10.868	-1.109
	114	0.002	9.629	2.806
	115	-0.047	10.5	0.025

	116	0.025	9.658	0.021
	117	0	10.27	-1.123
	118	0.003	8.969	2.804
18389	101	0	9.931	0.012
	102	0	11.087	0.031
	103	-0.02	11.071	0.042
	104	0.006	11.077	0.04
	105	0	11.248	-0.615
	106	0	10.552	1.704
	107	-0.05	7.346	0.034
	108	0.024	7.361	0.017
	109	0	7.715	-1.128
	110	0.002	6.455	2.765
	111	-0.044	10.72	0.048
	112	0.019	10.734	0.037
	113	0	11.064	-1.087
	114	0.001	9.833	2.793
	115	-0.048	9.914	0.039
	116	0.022	9.933	0.023
	117	0	10.28	-1.128
	118	0.003	9.024	2.775
18390	101	0	9.904	0.011
	102	0	10.982	0.024
	103	-0.021	10.662	0.047
	104	0.005	11.011	0.025
	105	0	11.141	-0.641
	106	0	10.488	1.665
	107	-0.053	6.726	0.037
	108	0.022	7.655	0.011
	109	0	7.693	-1.145
	110	0.001	6.523	2.75
	111	-0.047	10.068	0.056
	112	0.017	10.852	0.022
	113	0	10.97	-1.114
	114	0.001	9.804	2.757
	115	-0.051	9.304	0.043
	116	0.021	10.198	0.015
	117	0	10.25	-1.144
	118	0.001	9.089	2.751
18391	101	0	9.885	0.011
	102	0	10.886	0.019
	103	-0.018	11.236	0.02
	104	0.004	10.854	0.03
	105	0	11.041	-0.682
	106	0	10.422	1.644

	107	-0.047	7.995	0.015
	108	0.022	7.037	0.019
	109	0	7.676	-1.145
	110	0.001	6.431	2.721
	111	-0.041	11.232	0.022
	112	0.016	10.416	0.031
	113	0	10.903	-1.142
	114	0.001	9.763	2.736
	115	-0.046	10.547	0.019
	116	0.02	9.622	0.022
	117	0	10.232	-1.147
	118	0.002	8.996	2.726
18392	101	0	9.87	0.011
	102	0	10.808	0.017
	103	-0.015	10.833	0.022
	104	0.004	10.814	0.021
	105	0	10.962	-0.678
	106	0	10.39	1.601
	107	-0.043	7.354	0.016
	108	0.022	7.316	0.011
	109	0	7.662	-1.128
	110	0.002	6.497	2.661
	111	-0.037	10.582	0.023
	112	0.016	10.541	0.019
	113	0	10.848	-1.125
	114	0.001	9.761	2.664
	115	-0.041	9.913	0.021
	116	0.021	9.875	0.015
	117	0	10.214	-1.131
	118	0.002	9.057	2.664
18404	101	0	11.773	-0.006
	102	0	11.951	-0.01
	103	-0.018	11.663	0.011
	104	0.002	12.059	-0.007
	105	0	11.993	-0.705
	106	-0.001	12.604	1.483
	107	-0.037	8.24	0.063
	108	0.006	8.928	0.001
	109	0.002	8.763	-1.145
	110	-0.001	9.929	2.499
	111	-0.034	11.407	0.042
	112	0.006	12.096	-0.002
	113	0.001	11.958	-1.157
	114	-0.001	13.062	2.487
	115	-0.035	11.296	0.055

	116	0.006	11.975	0.001
	117	0.002	11.811	-1.142
	118	-0.001	12.965	2.496
18406	101	0	11.807	-0.006
	102	0	11.797	-0.01
	103	-0.015	11.535	0.01
	104	0.001	11.89	-0.006
	105	0.001	11.726	-0.871
	106	-0.002	12.579	1.255
	107	-0.025	8.329	0.051
	108	0.003	8.901	0.001
	109	0.003	8.556	-1.419
	110	-0.003	9.962	2.114
	111	-0.025	11.373	0.034
	112	0.003	11.955	-0.001
	113	0.003	11.643	-1.433
	114	-0.003	13.053	2.104
	115	-0.024	11.386	0.045
	116	0.003	11.961	0.001
	117	0.003	11.618	-1.413
	118	-0.003	13.024	2.111
18408	101	0	11.807	-0.003
	102	0	11.811	-0.006
	103	-0.013	12.089	0.005
	104	0.001	11.734	0.001
	105	-0.001	11.737	-0.855
	106	-0.001	12.584	1.286
	107	-0.022	9.206	0.018
	108	0.002	8.616	0.011
	109	-0.001	8.535	-1.406
	110	-0.001	9.956	2.143
	111	-0.022	12.275	0.013
	112	0.002	11.675	0.009
	113	-0.001	11.632	-1.417
	114	-0.001	13.054	2.14
	115	-0.022	12.266	0.017
	116	0.002	11.676	0.012
	117	-0.001	11.599	-1.397
	118	-0.001	13.016	2.145
18410	101	0	11.769	-0.001
	102	0	11.765	-0.001
	103	-0.013	11.774	0.01
	104	0.001	11.762	0.005
	105	-0.001	11.675	-0.816
	106	-0.001	12.531	1.237

	107	-0.021	8.731	0.02
	108	0.002	8.721	0.005
	109	0	8.482	-1.361
	110	-0.001	9.913	2.047
	111	-0.021	11.782	0.015
	112	0.002	11.765	0.007
	113	-0.001	11.564	-1.365
	114	-0.001	12.995	2.049
	115	-0.021	11.782	0.02
	116	0.002	11.773	0.006
	117	0	11.537	-1.356
	118	-0.001	12.965	2.05
18412	101	0	11.803	0
	102	0	11.799	0.003
	103	-0.012	11.586	0.025
	104	0.001	11.877	0.006
	105	-0.001	11.685	-0.802
	106	-0.001	12.544	1.236
	107	-0.02	8.389	0.044
	108	0.002	8.87	0.003
	109	0	8.464	-1.359
	110	-0.001	9.916	2.044
	111	-0.02	11.449	0.046
	112	0.002	11.93	0.006
	113	-0.001	11.562	-1.354
	114	-0.001	13.001	2.049
	115	-0.019	11.448	0.042
	116	0.002	11.926	0.005
	117	0	11.53	-1.354
	118	-0.001	12.974	2.047
18414	101	0	11.804	0.001
	102	0	11.813	0.006
	103	-0.012	12.069	0.009
	104	0.001	11.741	0.012
	105	-0.001	11.758	-0.799
	106	-0.001	12.538	1.201
	107	-0.02	9.178	0.013
	108	0.002	8.638	0.009
	109	0	8.576	-1.364
	110	-0.001	9.896	1.976
	111	-0.02	12.25	0.015
	112	0.002	11.695	0.013
	113	-0.001	11.67	-1.356
	114	-0.001	12.987	1.981
	115	-0.019	12.232	0.013

	116	0.002	11.701	0.01
	117	0	11.633	-1.359
	118	-0.001	12.956	1.978
18416	101	0	11.754	0.002
	102	0	11.692	0.016
	103	-0.012	11.698	0.024
	104	0.001	11.698	0.022
	105	-0.001	11.585	-0.776
	106	-0.001	12.454	1.203
	107	-0.02	8.715	0.02
	108	0.002	8.709	0.008
	109	-0.001	8.467	-1.367
	110	-0.001	9.86	1.953
	111	-0.02	11.719	0.029
	112	0.002	11.714	0.021
	113	-0.001	11.507	-1.34
	114	-0.001	12.912	1.974
	115	-0.019	11.762	0.022
	116	0.002	11.756	0.011
	117	-0.001	11.515	-1.366
	118	-0.001	12.908	1.959
18418	101	0	11.793	0.001
	102	0	11.738	0.01
	103	-0.012	11.49	0.027
	104	0.001	11.835	0.012
	105	-0.001	11.665	-0.801
	106	-0.001	12.464	1.174
	107	-0.02	8.339	0.021
	108	0.002	8.884	0.003
	109	-0.001	8.533	-1.386
	110	-0.001	9.852	1.941
	111	-0.02	11.351	0.033
	112	0.002	11.907	0.009
	113	-0.002	11.585	-1.367
	114	-0.001	12.912	1.946
	115	-0.02	11.398	0.024
	116	0.002	11.939	0.005
	117	-0.001	11.585	-1.384
	118	-0.001	12.908	1.941
18420	101	0	11.799	0.001
	102	0	11.757	0.007
	103	-0.011	12.041	0.008
	104	0.001	11.673	0.016
	105	-0.001	11.678	-0.845
	106	-0.001	12.461	1.162

	107	-0.019	9.188	0.007
	108	0.002	8.609	0.009
	109	-0.001	8.503	-1.383
	110	-0.001	9.836	1.924
	111	-0.019	12.232	0.01
	112	0.002	11.631	0.016
	113	-0.001	11.576	-1.396
	114	-0.001	12.898	1.935
	115	-0.018	12.248	0.009
	116	0.001	11.669	0.01
	117	-0.001	11.565	-1.385
	118	-0.001	12.89	1.926
18422	101	0	11.77	0.001
	102	0	11.756	0.006
	103	-0.011	11.767	0.01
	104	0.001	11.757	0.008
	105	-0.001	11.659	-0.838
	106	-0.001	12.418	1.13
	107	-0.018	8.726	0.007
	108	0.002	8.72	0.003
	109	-0.001	8.485	-1.365
	110	-0.001	9.784	1.879
	111	-0.018	11.777	0.01
	112	0.002	11.76	0.007
	113	-0.001	11.555	-1.375
	114	-0.001	12.843	1.882
	115	-0.017	11.778	0.009
	116	0.002	11.771	0.004
	117	-0.001	11.536	-1.367
	118	-0.001	12.831	1.88
18426	101	0	11.774	-0.001
	102	0	11.961	0.004
	103	-0.009	12.201	0.004
	104	-0.001	11.879	0.008
	105	-0.001	12.02	-0.677
	106	-0.001	12.515	1.307
	107	-0.021	9.17	0.004
	108	0.005	8.569	0.001
	109	0	8.77	-1.105
	110	-0.001	9.783	2.198
	111	-0.019	12.34	0.005
	112	0.002	11.759	0.01
	113	0	11.976	-1.116
	114	-0.001	12.917	2.183
	115	-0.02	12.212	0.005

	116	0.004	11.631	0.002
	117	0	11.817	-1.109
	118	-0.001	12.818	2.194
18428	101	0	11.802	0
	102	0	11.76	0.004
	103	-0.01	12.019	0.005
	104	0.001	11.677	0.008
	105	-0.001	11.709	-0.837
	106	-0.001	12.403	1.109
	107	-0.017	9.159	0.007
	108	0.002	8.618	0.002
	109	0	8.574	-1.366
	110	-0.001	9.764	1.862
	111	-0.017	12.204	0.007
	112	0.002	11.642	0.011
	113	-0.001	11.638	-1.38
	114	-0.001	12.818	1.851
	115	-0.016	12.214	0.007
	116	0.002	11.684	0.003
	117	-0.001	11.627	-1.369
	118	-0.001	12.818	1.859
18432	101	0	11.744	-0.001
	102	0	11.929	0.003
	103	-0.009	11.93	0.007
	104	-0.001	11.931	0.005
	105	-0.001	11.961	-0.694
	106	-0.001	12.461	1.297
	107	-0.022	8.701	0.006
	108	0.004	8.7	0
	109	0	8.717	-1.098
	110	-0.001	9.744	2.181
	111	-0.019	11.876	0.006
	112	0.002	11.876	0.005
	113	0	11.909	-1.122
	114	-0.001	12.865	2.172
	115	-0.02	11.745	0.008
	116	0.003	11.745	0.001
	117	0	11.755	-1.103
	118	-0.001	12.772	2.181
18434	101	0	11.771	0
	102	0	11.722	0.003
	103	-0.01	11.723	0.007
	104	0.001	11.723	0.005
	105	-0.001	11.627	-0.858
	106	-0.001	12.349	1.1

	107	-0.017	8.72	0.007
	108	0.002	8.719	0.001
	109	-0.001	8.494	-1.358
	110	-0.001	9.727	1.848
	111	-0.018	11.736	0.006
	112	0.002	11.735	0.005
	113	-0.001	11.54	-1.388
	114	-0.001	12.763	1.841
	115	-0.017	11.771	0.008
	116	0.001	11.771	0.001
	117	-0.001	11.542	-1.362
	118	-0.001	12.771	1.848
18438	101	0	11.77	-0.001
	102	0	11.926	0.004
	103	-0.009	11.661	0.017
	104	-0.001	12.009	0.003
	105	-0.001	11.992	-0.685
	106	-0.001	12.468	1.307
	107	-0.023	8.273	0.015
	108	0.004	8.897	-0.001
	109	0	8.759	-1.103
	110	-0.001	9.753	2.202
	111	-0.02	11.43	0.022
	112	0.001	12.044	0.002
	113	0	11.963	-1.117
	114	-0.001	12.87	2.189
	115	-0.021	11.331	0.017
	116	0.003	11.937	-0.002
	117	0	11.803	-1.106
	118	-0.001	12.785	2.197
18440	101	0	11.794	-0.001
	102	0	11.71	0.004
	103	-0.011	11.461	0.016
	104	0.001	11.807	0.003
	105	-0.001	11.651	-0.847
	106	-0.001	12.345	1.108
	107	-0.018	8.329	0.012
	108	0.002	8.876	-0.001
	109	-0.001	8.56	-1.364
	110	-0.001	9.725	1.865
	111	-0.018	11.328	0.019
	112	0.002	11.888	0.002
	113	-0.002	11.6	-1.382
	114	-0.001	12.755	1.855
	115	-0.017	11.388	0.014

	116	0.001	11.929	-0.001
	117	-0.001	11.609	-1.365
	118	-0.001	12.776	1.861
18444	101	0	11.77	-0.002
	102	0	11.934	0.003
	103	-0.008	12.226	0.003
	104	-0.001	11.852	0.007
	105	-0.001	12.01	-0.666
	106	-0.001	12.489	1.31
	107	-0.021	9.212	0.002
	108	0.004	8.559	0
	109	0	8.76	-1.093
	110	-0.001	9.737	2.177
	111	-0.018	12.378	0.004
	112	0.001	11.735	0.009
	113	-0.001	11.979	-1.086
	114	-0.001	12.871	2.184
	115	-0.019	12.26	0.003
	116	0.002	11.62	0
	117	0	11.809	-1.093
	118	-0.001	12.77	2.176
18446	101	0	11.797	-0.001
	102	0	11.735	0.003
	103	-0.01	12.01	0.004
	104	0.001	11.642	0.007
	105	-0.001	11.645	-0.825
	106	-0.001	12.343	1.111
	107	-0.017	9.169	0.005
	108	0.002	8.604	0
	109	-0.001	8.526	-1.351
	110	-0.001	9.711	1.845
	111	-0.017	12.201	0.006
	112	0.001	11.61	0.009
	113	-0.001	11.577	-1.344
	114	-0.001	12.737	1.852
	115	-0.016	12.229	0.005
	116	0.001	11.665	0.001
	117	-0.001	11.586	-1.349
	118	-0.001	12.76	1.844
18450	101	0	11.733	-0.002
	102	0	11.882	0.004
	103	-0.008	11.895	0.007
	104	-0.001	11.882	0.005
	105	-0.001	11.97	-0.661
	106	-0.001	12.446	1.284

	107	-0.019	8.703	0.004
	108	0.004	8.697	-0.002
	109	0	8.726	-1.085
	110	-0.001	9.688	2.117
	111	-0.017	11.853	0.007
	112	0.001	11.842	0.004
	113	0	11.94	-1.078
	114	-0.001	12.814	2.125
	115	-0.018	11.745	0.005
	116	0.002	11.739	-0.002
	117	0	11.765	-1.088
	118	-0.001	12.713	2.118
18452	101	0	11.759	-0.002
	102	0	11.678	0.004
	103	-0.01	11.686	0.007
	104	0.001	11.679	0.005
	105	-0.001	11.598	-0.82
	106	-0.001	12.286	1.089
	107	-0.016	8.716	0.004
	108	0.002	8.713	-0.001
	109	-0.001	8.507	-1.342
	110	-0.001	9.667	1.794
	111	-0.016	11.715	0.007
	112	0.002	11.707	0.004
	113	-0.001	11.537	-1.335
	114	-0.001	12.676	1.801
	115	-0.015	11.766	0.005
	116	0.001	11.762	-0.001
	117	-0.001	11.552	-1.343
	118	-0.001	12.706	1.795
18456	101	0	11.771	-0.003
	102	0	11.958	0.005
	103	-0.007	11.758	0.018
	104	-0.001	12.045	0.002
	105	-0.001	12.05	-0.684
	106	0	12.479	1.281
	107	-0.019	8.353	0.021
	108	0.004	8.896	-0.002
	109	0	8.767	-1.098
	110	-0.001	9.696	2.131
	111	-0.016	11.547	0.028
	112	0.001	12.063	0
	113	0	12.011	-1.12
	114	-0.001	12.832	2.132
	115	-0.018	11.413	0.02

	116	0.003	11.938	-0.003
	117	0	11.819	-1.105
	118	-0.001	12.729	2.131
18458	101	0	11.785	-0.002
	102	0	11.718	0.005
	103	-0.009	11.498	0.018
	104	0.001	11.812	0.002
	105	-0.001	11.617	-0.846
	106	-0.001	12.293	1.087
	107	-0.015	8.372	0.017
	108	0.002	8.867	-0.002
	109	0	8.5	-1.356
	110	-0.001	9.674	1.806
	111	-0.016	11.374	0.025
	112	0.002	11.883	0.001
	113	-0.001	11.538	-1.384
	114	-0.001	12.682	1.808
	115	-0.015	11.43	0.017
	116	0.001	11.918	-0.002
	117	-0.001	11.555	-1.363
	118	-0.001	12.72	1.807
18462	101	0	11.78	-0.002
	102	0	11.979	0.007
	103	-0.007	12.204	0.006
	104	-0.001	11.897	0.008
	105	-0.001	12.064	-0.673
	106	0	12.483	1.283
	107	-0.019	9.153	0.004
	108	0.004	8.562	-0.001
	109	0	8.788	-1.095
	110	-0.001	9.688	2.127
	111	-0.016	12.33	0.007
	112	0.001	11.765	0.005
	113	-0.001	12.022	-1.108
	114	-0.001	12.828	2.128
	115	-0.018	12.194	0.004
	116	0.003	11.625	-0.001
	117	0	11.836	-1.1
	118	-0.001	12.718	2.124
18464	101	0	11.793	-0.001
	102	0	11.745	0.008
	103	-0.009	11.999	0.008
	104	0.001	11.653	0.008
	105	-0.001	11.684	-0.834
	106	-0.001	12.293	1.089

	107	-0.015	9.141	0.006
	108	0.002	8.601	-0.001
	109	0	8.594	-1.354
	110	-0.001	9.652	1.802
	111	-0.016	12.178	0.009
	112	0.002	11.614	0.006
	113	-0.001	11.63	-1.372
	114	-0.001	12.671	1.804
	115	-0.015	12.193	0.006
	116	0.001	11.663	0
	117	-0.001	11.642	-1.358
	118	-0.001	12.7	1.8
18468	101	0	11.701	-0.001
	102	0	11.834	0.017
	103	-0.008	11.842	0.026
	104	-0.002	11.834	0.011
	105	-0.001	11.923	-0.621
	106	0	12.389	1.316
	107	-0.019	8.674	0.009
	108	0.004	8.667	-0.002
	109	0	8.713	-1.072
	110	0	9.653	2.134
	111	-0.017	11.802	0.022
	112	0.001	11.791	0.005
	113	-0.001	11.899	-1.048
	114	-0.001	12.761	2.155
	115	-0.018	11.707	0.012
	116	0.002	11.7	-0.002
	117	0	11.747	-1.072
	118	-0.001	12.674	2.136
18470	101	0	11.735	0
	102	0	11.626	0.017
	103	-0.01	11.637	0.024
	104	0.001	11.629	0.01
	105	-0.001	11.548	-0.773
	106	-0.001	12.258	1.116
	107	-0.016	8.699	0.009
	108	0.002	8.691	-0.002
	109	0	8.478	-1.326
	110	-0.001	9.613	1.808
	111	-0.016	11.668	0.021
	112	0.002	11.656	0.004
	113	-0.001	11.482	-1.3
	114	-0.001	12.629	1.827
	115	-0.015	11.742	0.012

	116	0.001	11.734	-0.001
	117	-0.001	11.517	-1.325
	118	-0.001	12.654	1.81
18474	101	0	11.737	-0.001
	102	0	11.889	0.01
	103	-0.008	11.634	0.038
	104	-0.002	11.984	0.004
	105	-0.001	11.968	-0.674
	106	0	12.36	1.31
	107	-0.021	8.239	0.015
	108	0.003	8.888	-0.003
	109	0	8.758	-1.098
	110	0	9.646	2.167
	111	-0.018	11.403	0.037
	112	0.001	12.029	0
	113	-0.001	11.939	-1.106
	114	-0.001	12.735	2.165
	115	-0.019	11.29	0.017
	116	0.002	11.921	-0.004
	117	0	11.798	-1.1
	118	0	12.666	2.163
18476	101	0	11.766	-0.001
	102	0	11.66	0.011
	103	-0.01	11.413	0.033
	104	0.001	11.771	0.004
	105	-0.001	11.619	-0.834
	106	0	12.252	1.11
	107	-0.017	8.302	0.011
	108	0.001	8.865	-0.002
	109	-0.001	8.557	-1.357
	110	0	9.605	1.835
	111	-0.017	11.286	0.031
	112	0.001	11.861	0
	113	-0.001	11.569	-1.369
	114	0	12.62	1.833
	115	-0.016	11.352	0.014
	116	0.001	11.912	-0.003
	117	-0.001	11.601	-1.358
	118	0	12.652	1.831
18480	101	0	11.747	-0.002
	102	0	11.919	0.006
	103	-0.008	12.213	0.009
	104	-0.002	11.828	0.007
	105	-0.001	11.961	-0.772
	106	0	12.39	1.384

	107	-0.019	9.191	0.002
	108	0.003	8.532	-0.002
	109	-0.001	8.746	-1.211
	110	0	9.665	2.312
	111	-0.017	12.364	0.007
	112	0	11.698	0.006
	113	-0.001	11.926	-1.247
	114	0	12.757	2.311
	115	-0.018	12.236	0.002
	116	0.001	11.584	-0.002
	117	-0.001	11.786	-1.217
	118	0	12.684	2.311
18482	101	0	11.772	-0.001
	102	0	11.701	0.007
	103	-0.009	11.986	0.01
	104	0.001	11.597	0.007
	105	0.001	11.614	-0.95
	106	-0.004	12.243	1.175
	107	-0.015	9.157	0.004
	108	0.001	8.58	-0.002
	109	0.002	8.539	-1.492
	110	-0.006	9.57	1.961
	111	-0.016	12.178	0.009
	112	0.001	11.562	0.006
	113	0.002	11.552	-1.537
	114	-0.006	12.591	1.96
	115	-0.015	12.213	0.005
	116	0.001	11.634	-0.002
	117	0.002	11.588	-1.498
	118	-0.006	12.616	1.96
18486	101	0	11.717	0
	102	0	11.89	0.003
	103	-0.001	11.899	0.006
	104	-0.002	11.892	0.002
	105	-0.001	11.877	-0.21
	106	0.001	12.147	0.382
	107	-0.005	8.692	0.002
	108	0	8.684	-0.001
	109	-0.001	8.635	-0.334
	110	0.001	9.275	0.631
	111	-0.004	11.855	0.005
	112	-0.001	11.841	0.002
	113	-0.002	11.81	-0.342
	114	0.001	12.366	0.633
	115	-0.004	11.729	0.002

	116	0	11.722	-0.001
	117	-0.001	11.669	-0.335
	118	0.001	12.289	0.63
18488	101	0	11.735	0.001
	102	0	11.65	0.004
	103	-0.003	11.656	0.006
	104	0	11.649	0.003
	105	-0.001	11.494	-0.223
	106	0	12.139	0.355
	107	-0.004	8.703	0.002
	108	0	8.698	0
	109	-0.001	8.389	-0.356
	110	0	9.437	0.587
	111	-0.004	11.683	0.005
	112	0	11.677	0.002
	113	-0.001	11.384	-0.364
	114	0	12.442	0.589
	115	-0.004	11.745	0.003
	116	0	11.743	0
	117	-0.001	11.427	-0.357
	118	0	12.475	0.587
18492	101	-0.001	11.681	-0.002
	102	-0.002	11.771	0.019
	103	-0.017	11.614	0.061
	104	0.002	11.852	0.004
	105	-0.003	11.818	-0.627
	106	-0.001	12.209	1.389
	107	-0.029	8.371	0.027
	108	0.011	8.802	-0.003
	109	-0.003	8.682	-1.091
	110	-0.001	9.434	2.249
	111	-0.029	11.466	0.06
	112	0.008	11.886	0.001
	113	-0.004	11.818	-1.065
	114	-0.001	12.526	2.285
	115	-0.029	11.405	0.027
	116	0.01	11.828	-0.004
	117	-0.003	11.71	-1.091
	118	-0.001	12.448	2.249
18494	101	-0.001	11.746	-0.004
	102	-0.002	11.627	0.015
	103	-0.017	11.445	0.05
	104	0.004	11.717	0.002
	105	-0.005	11.563	-0.796
	106	0.004	12.075	1.16

	107	-0.023	8.419	0.021
	108	0.006	8.82	-0.004
	109	-0.006	8.538	-1.387
	110	0.008	9.367	1.878
	111	-0.025	11.371	0.049
	112	0.007	11.802	-0.001
	113	-0.007	11.529	-1.354
	114	0.007	12.369	1.908
	115	-0.024	11.465	0.02
	116	0.006	11.867	-0.005
	117	-0.007	11.582	-1.385
	118	0.008	12.411	1.877
18498	101	-0.001	11.683	-0.002
	102	-0.001	11.783	0.005
	103	-0.018	11.985	0.007
	104	0.002	11.699	0.011
	105	-0.003	11.839	-0.57
	106	-0.001	12.197	1.237
	107	-0.03	9.013	0.002
	108	0.012	8.509	-0.004
	109	-0.002	8.694	-0.979
	110	-0.001	9.41	2.012
	111	-0.029	12.111	0.007
	112	0.009	11.604	0.005
	113	-0.003	11.835	-0.955
	114	-0.002	12.507	2.039
	115	-0.03	12.032	0.002
	116	0.011	11.543	-0.004
	117	-0.002	11.726	-0.977
	118	-0.001	12.426	2.013
18500	101	-0.001	11.751	-0.004
	102	-0.002	11.649	0.003
	103	-0.017	11.882	0.006
	104	0.005	11.561	0.008
	105	-0.001	11.619	-0.728
	106	-0.002	12.091	1.029
	107	-0.023	9.05	0.003
	108	0.007	8.58	-0.005
	109	-0.001	8.597	-1.254
	110	-0.002	9.388	1.673
	111	-0.025	12.054	0.007
	112	0.008	11.544	0.004
	113	-0.001	11.597	-1.222
	114	-0.003	12.397	1.696
	115	-0.024	12.093	0.002

	116	0.007	11.627	-0.006
	117	-0.001	11.64	-1.249
	118	-0.002	12.434	1.674
18504	101	-0.001	11.657	-0.002
	102	-0.001	11.761	-0.001
	103	-0.019	11.758	0.003
	104	0.002	11.763	-0.001
	105	-0.003	11.821	-0.589
	106	-0.001	12.166	1.197
	107	-0.031	8.638	0.007
	108	0.01	8.635	-0.004
	109	-0.002	8.654	-0.969
	110	-0.001	9.372	1.972
	111	-0.031	11.73	0.013
	112	0.008	11.732	-0.003
	113	-0.003	11.796	-0.97
	114	-0.002	12.456	1.989
	115	-0.032	11.659	0.009
	116	0.009	11.657	-0.005
	117	-0.002	11.677	-0.969
	118	-0.001	12.381	1.977
18506	101	-0.001	11.723	-0.004
	102	-0.002	11.618	-0.003
	103	-0.018	11.63	0.002
	104	0.004	11.612	-0.003
	105	-0.001	11.556	-0.752
	106	-0.001	12.051	0.996
	107	-0.024	8.69	0.005
	108	0.006	8.686	-0.005
	109	-0.001	8.524	-1.24
	110	-0.001	9.368	1.641
	111	-0.026	11.663	0.01
	112	0.007	11.639	-0.005
	113	-0.001	11.511	-1.241
	114	-0.002	12.361	1.656
	115	-0.025	11.729	0.006
	116	0.006	11.726	-0.006
	117	-0.001	11.561	-1.238
	118	-0.001	12.406	1.645
18510	101	-0.001	11.689	-0.002
	102	-0.002	11.819	-0.004
	103	-0.021	11.555	0.008
	104	0.001	11.896	-0.006
	105	-0.003	11.885	-0.6
	106	-0.001	12.176	1.173

	107	-0.034	8.241	0.022
	108	0.009	8.835	-0.003
	109	-0.002	8.681	-0.97
	110	-0.001	9.369	1.986
	111	-0.034	11.35	0.028
	112	0.007	11.945	-0.006
	113	-0.004	11.843	-0.986
	114	-0.002	12.427	1.964
	115	-0.034	11.269	0.022
	116	0.008	11.855	-0.004
	117	-0.003	11.713	-0.97
	118	-0.001	12.385	1.988
18512	101	-0.001	11.752	-0.003
	102	-0.002	11.662	-0.005
	103	-0.019	11.421	0.004
	104	0.004	11.759	-0.007
	105	-0.001	11.63	-0.766
	106	-0.002	12.069	0.976
	107	-0.026	8.329	0.015
	108	0.006	8.84	-0.004
	109	0	8.569	-1.241
	110	-0.001	9.373	1.652
	111	-0.027	11.302	0.02
	112	0.006	11.843	-0.007
	113	-0.001	11.586	-1.261
	114	-0.002	12.363	1.634
	115	-0.027	11.37	0.015
	116	0.005	11.884	-0.005
	117	-0.001	11.612	-1.241
	118	-0.001	12.415	1.653
18516	101	-0.001	11.687	-0.003
	102	-0.002	11.821	-0.004
	103	-0.019	12.092	-0.003
	104	0.001	11.746	-0.004
	105	-0.003	11.868	-0.572
	106	-0.002	12.176	1.195
	107	-0.03	9.092	0.001
	108	0.009	8.515	-0.004
	109	-0.002	8.682	-0.977
	110	-0.001	9.367	1.975
	111	-0.03	12.224	0.001
	112	0.006	11.64	-0.007
	113	-0.004	11.834	-0.969
	114	-0.002	12.425	1.977
	115	-0.03	12.128	0.001

	116	0.008	11.553	-0.005
	117	-0.003	11.715	-0.97
	118	-0.001	12.38	1.981
18518	101	-0.001	11.754	-0.004
	102	-0.002	11.68	-0.005
	103	-0.017	11.94	-0.003
	104	0.004	11.6	-0.006
	105	0	11.602	-0.728
	106	-0.002	12.093	0.995
	107	-0.023	9.089	0.002
	108	0.005	8.593	-0.005
	109	0.001	8.547	-1.249
	110	-0.001	9.381	1.644
	111	-0.024	12.104	0.002
	112	0.006	11.58	-0.008
	113	0	11.552	-1.237
	114	-0.002	12.387	1.646
	115	-0.024	12.143	0.002
	116	0.005	11.645	-0.007
	117	0	11.59	-1.238
	118	-0.002	12.422	1.648
18522	101	-0.001	11.647	-0.006
	102	-0.002	11.73	-0.009
	103	-0.018	11.766	-0.007
	104	0.001	11.722	-0.01
	105	-0.003	11.781	-0.6
	106	-0.001	12.101	1.102
	107	-0.029	8.676	-0.005
	108	0.009	8.617	-0.005
	109	-0.002	8.646	-0.979
	110	0	9.316	1.827
	111	-0.029	11.76	-0.006
	112	0.006	11.694	-0.012
	113	-0.003	11.757	-0.987
	114	-0.001	12.346	1.833
	115	-0.029	11.697	-0.006
	116	0.008	11.636	-0.007
	117	-0.002	11.666	-0.977
	118	-0.001	12.324	1.828
18524	101	-0.001	11.728	-0.007
	102	-0.002	11.635	-0.011
	103	-0.016	11.652	-0.008
	104	0.004	11.631	-0.012
	105	-0.003	11.563	-0.769
	106	0	12.078	0.917

	107	-0.022	8.726	-0.006
	108	0.005	8.678	-0.006
	109	-0.004	8.527	-1.257
	110	0.002	9.399	1.52
	111	-0.024	11.698	-0.008
	112	0.006	11.653	-0.013
	113	-0.004	11.516	-1.266
	114	0.001	12.385	1.525
	115	-0.023	11.768	-0.007
	116	0.005	11.718	-0.008
	117	-0.005	11.565	-1.252
	118	0.002	12.435	1.52
18736	101	0	11.769	0
	102	0	11.939	0.006
	103	-0.009	11.73	0.025
	104	-0.001	12.026	0.005
	105	0	12.007	-0.665
	106	-0.001	12.508	1.342
	107	-0.022	8.345	0.029
	108	0.004	8.888	0
	109	0	8.747	-1.105
	110	-0.001	9.796	2.224
	111	-0.019	11.522	0.035
	112	0.002	12.048	0.004
	113	0	11.961	-1.104
	114	-0.001	12.923	2.228
	115	-0.021	11.405	0.03
	116	0.003	11.93	0.001
	117	0	11.795	-1.107
	118	-0.001	12.829	2.224
18738	101	0	11.798	0.001
	102	0	11.735	0.006
	103	-0.01	11.51	0.022
	104	0.001	11.826	0.005
	105	-0.001	11.637	-0.822
	106	-0.001	12.396	1.138
	107	-0.017	8.372	0.023
	108	0.002	8.869	0.001
	109	-0.001	8.47	-1.365
	110	-0.001	9.788	1.886
	111	-0.017	11.385	0.03
	112	0.002	11.893	0.004
	113	-0.001	11.534	-1.364
	114	-0.001	12.827	1.889
	115	-0.017	11.433	0.025

	116	0.002	11.924	0.001
	117	-0.001	11.529	-1.365
	118	-0.001	12.838	1.886
18748	101	0	11.786	-0.004
	102	0	11.994	-0.006
	103	-0.015	12.301	0.004
	104	0.001	11.9	0.001
	105	0	12.029	-0.694
	106	-0.001	12.657	1.516
	107	-0.032	9.264	0.016
	108	0.006	8.558	0.012
	109	0.001	8.777	-1.138
	110	-0.001	9.957	2.527
	111	-0.03	12.459	0.011
	112	0.005	11.765	0.009
	113	0	11.983	-1.148
	114	-0.002	13.115	2.524
	115	-0.031	12.316	0.014
	116	0.005	11.616	0.012
	117	0.001	11.827	-1.133
	118	-0.001	12.997	2.529
18749	101	0	11.749	-0.001
	102	0	11.955	-0.001
	103	-0.014	11.965	0.01
	104	0.001	11.953	0.005
	105	0	11.986	-0.661
	106	-0.001	12.614	1.458
	107	-0.03	8.723	0.023
	108	0.005	8.708	0.004
	109	0.001	8.726	-1.101
	110	-0.001	9.92	2.415
	111	-0.027	11.91	0.016
	112	0.004	11.896	0.007
	113	0	11.929	-1.104
	114	-0.002	13.066	2.417
	115	-0.029	11.769	0.022
	116	0.005	11.753	0.006
	117	0	11.77	-1.098
	118	-0.001	12.952	2.418
18750	101	0	11.788	0
	102	0	12.005	0.002
	103	-0.013	11.814	0.027
	104	0.001	12.08	0.005
	105	0	12.05	-0.65
	106	-0.001	12.643	1.458

	107	-0.028	8.377	0.053
	108	0.005	8.886	0.003
	109	0.001	8.758	-1.1
	110	-0.001	9.927	2.412
	111	-0.025	11.598	0.054
	112	0.004	12.08	0.006
	113	0	11.995	-1.097
	114	-0.001	13.085	2.417
	115	-0.027	11.442	0.05
	116	0.005	11.932	0.004
	117	0	11.814	-1.098
	118	-0.001	12.966	2.416
18751	101	0	11.793	0.001
	102	0	12.022	0.006
	103	-0.012	12.247	0.008
	104	0.001	11.953	0.012
	105	0	12.07	-0.647
	106	-0.001	12.645	1.416
	107	-0.027	9.19	0.01
	108	0.006	8.606	0.008
	109	0	8.787	-1.103
	110	-0.001	9.903	2.332
	111	-0.024	12.381	0.013
	112	0.004	11.832	0.012
	113	0	12.017	-1.096
	114	-0.001	13.071	2.337
	115	-0.026	12.233	0.011
	116	0.005	11.671	0.009
	117	0	11.838	-1.1
	118	-0.001	12.945	2.334
18752	101	0	11.737	0.002
	102	0	11.898	0.016
	103	-0.012	11.902	0.025
	104	0	11.903	0.024
	105	0	11.954	-0.626
	106	-0.001	12.553	1.419
	107	-0.027	8.703	0.023
	108	0.005	8.698	0.008
	109	0	8.718	-1.105
	110	-0.001	9.858	2.305
	111	-0.024	11.854	0.032
	112	0.003	11.852	0.022
	113	0	11.918	-1.081
	114	-0.001	12.989	2.328
	115	-0.025	11.745	0.025

	116	0.004	11.741	0.011
	117	0	11.759	-1.105
	118	-0.001	12.889	2.312
18753	101	0	11.779	0.001
	102	0	11.959	0.01
	103	-0.012	11.701	0.03
	104	0	12.045	0.011
	105	0	12.03	-0.647
	106	-0.001	12.568	1.384
	107	-0.027	8.272	0.027
	108	0.004	8.911	0.003
	109	0	8.761	-1.12
	110	-0.001	9.852	2.29
	111	-0.024	11.457	0.04
	112	0.003	12.072	0.009
	113	0	11.979	-1.104
	114	-0.001	12.993	2.295
	115	-0.026	11.335	0.029
	116	0.003	11.956	0.004
	117	0	11.808	-1.12
	118	-0.001	12.888	2.289
18754	101	0	11.784	0
	102	0	11.981	0.007
	103	-0.01	12.278	0.007
	104	0	11.902	0.016
	105	-0.001	12.047	-0.684
	106	-0.001	12.58	1.369
	107	-0.024	9.239	0.005
	108	0.004	8.571	0.009
	109	0	8.76	-1.119
	110	-0.001	9.843	2.27
	111	-0.022	12.43	0.008
	112	0.002	11.772	0.017
	113	0	11.991	-1.129
	114	-0.001	12.997	2.282
	115	-0.023	12.29	0.006
	116	0.003	11.633	0.01
	117	0	11.813	-1.122
	118	-0.001	12.88	2.272
18755	101	0	11.755	0
	102	0	11.98	0.006
	103	-0.009	11.993	0.01
	104	-0.001	11.982	0.008
	105	-0.001	12.017	-0.677
	106	-0.001	12.539	1.332

	107	-0.023	8.722	0.007
	108	0.004	8.712	0.002
	109	0	8.728	-1.104
	110	-0.001	9.79	2.217
	111	-0.02	11.936	0.01
	112	0.002	11.918	0.007
	113	0	11.952	-1.111
	114	-0.001	12.942	2.22
	115	-0.022	11.77	0.009
	116	0.003	11.759	0.003
	117	0	11.771	-1.107
	118	-0.001	12.82	2.218
18784	101	0.001	11.766	-0.022
	102	0.001	12.178	-0.058
	103	-0.016	11.838	-0.065
	104	0.016	12.397	-0.073
	105	0.006	12.099	-0.822
	106	-0.022	12.06	1.066
	107	-0.029	8.089	-0.073
	108	0.026	9.086	-0.018
	109	0.008	8.658	-1.198
	110	-0.037	8.214	1.846
	111	-0.028	11.412	-0.088
	112	0.026	12.417	-0.061
	113	0.008	11.965	-1.267
	114	-0.039	11.669	1.817
	115	-0.029	11.124	-0.08
	116	0.026	12.143	-0.025
	117	0.008	11.694	-1.216
	118	-0.038	11.287	1.84
18786	101	0	12.085	0.006
	102	0.001	13.073	0.003
	103	-0.016	13.467	0.031
	104	0.021	12.831	0.004
	105	0	13.134	-0.672
	106	0.001	12.888	1.329
	107	-0.03	9.699	0.044
	108	0.034	8.578	-0.028
	109	-0.001	8.974	-1.18
	110	0.003	8.561	2.293
	111	-0.028	13.51	0.045
	112	0.034	12.385	-0.015
	113	-0.001	12.869	-1.152
	114	0.001	12.382	2.27
	115	-0.029	12.835	0.049

	116	0.034	11.693	-0.028
	117	-0.001	12.103	-1.182
	118	0.002	11.694	2.288
18792	101	-0.001	11.255	-0.013
	102	-0.002	11.281	-0.039
	103	-0.017	11.048	-0.055
	104	0.002	11.395	-0.057
	105	-0.003	11.227	-0.875
	106	-0.002	11.756	1.108
	107	-0.027	7.968	-0.072
	108	0.009	8.503	-0.013
	109	-0.003	8.178	-1.297
	110	-0.001	9.178	1.907
	111	-0.027	10.896	-0.082
	112	0.007	11.454	-0.043
	113	-0.004	11.148	-1.364
	114	-0.002	12.125	1.879
	115	-0.027	10.869	-0.074
	116	0.008	11.417	-0.016
	117	-0.003	11.09	-1.31
	118	-0.001	12.09	1.899
18794	101	0.004	11.503	0.014
	102	0.004	11.586	0.007
	103	-0.095	11.754	0.037
	104	0.056	11.545	0.006
	105	0.008	11.434	-0.736
	106	0.004	11.998	0.881
	107	-0.131	8.755	0.047
	108	0.069	8.434	-0.02
	109	0.003	8.305	-1.294
	110	0.004	9.184	1.502
	111	-0.142	11.814	0.05
	112	0.078	11.476	-0.011
	113	0.009	11.329	-1.264
	114	0.005	12.234	1.493
	115	-0.135	11.742	0.053
	116	0.072	11.421	-0.015
	117	0.002	11.281	-1.29
	118	0.005	12.165	1.501
18796	101	0	11.824	0.007
	102	0.001	12.124	-0.017
	103	-0.015	12.147	0.009
	104	0.02	12.132	-0.012
	105	0.001	12.168	-0.73
	106	0.001	12.019	1.346

	107	-0.028	8.761	0.046
	108	0.032	8.763	0.008
	109	0	8.769	-1.12
	110	0.002	8.474	2.345
	111	-0.027	12.035	0.012
	112	0.033	12.05	0.006
	113	0	12.07	-1.173
	114	0.001	11.795	2.303
	115	-0.028	11.831	0.039
	116	0.032	11.83	0.011
	117	0	11.825	-1.129
	118	0.002	11.541	2.343
18800	101	0	11.881	0.008
	102	0.002	12.505	0.005
	103	-0.016	12.15	-0.004
	104	0.022	12.764	0.008
	105	0.002	12.542	-0.766
	106	0.001	12.408	1.289
	107	-0.029	8.133	-0.057
	108	0.032	9.196	0.006
	109	0	8.785	-1.242
	110	0.001	8.526	2.175
	111	-0.028	11.728	-0.038
	112	0.033	12.737	0.01
	113	0.001	12.331	-1.249
	114	0.001	12.079	2.165
	115	-0.029	11.203	-0.056
	116	0.032	12.286	0.009
	117	0	11.857	-1.245
	118	0.001	11.599	2.173
18804	101	0	11.857	0.01
	102	0.002	12.303	0.018
	103	-0.012	12.726	0.013
	104	0.023	12.065	0.017
	105	0.002	12.327	-0.705
	106	0.001	12.178	1.463
	107	-0.023	9.528	0.052
	108	0.033	8.416	0.026
	109	0.001	8.768	-1.21
	110	0.001	8.514	2.42
	111	-0.021	12.888	0.036
	112	0.035	11.784	0.014
	113	0.002	12.196	-1.201
	114	0.001	11.91	2.416
	115	-0.022	12.613	0.053

	116	0.034	11.484	0.023
	117	0.001	11.828	-1.208
	118	0.001	11.595	2.423
18820	101	0.001	11.66	-0.013
	102	0.001	11.487	-0.013
	103	-0.03	11.616	0.015
	104	0.209	11.422	-0.027
	105	0	11.5	-0.679
	106	-0.002	11.536	0.742
	107	-0.035	8.807	-0.003
	108	0.342	8.572	-0.025
	109	0	8.641	-1.039
	110	-0.003	8.712	1.125
	111	-0.041	11.724	0.002
	112	0.344	11.449	-0.031
	113	0	11.556	-1.074
	114	-0.003	11.613	1.162
	115	-0.036	11.833	-0.006
	116	0.343	11.594	-0.028
	117	0	11.658	-1.043
	118	-0.003	11.74	1.142
18822	101	0.001	11.669	-0.015
	102	0.001	11.653	-0.01
	103	-0.014	11.66	0.013
	104	0.232	11.643	-0.02
	105	-0.001	11.853	-0.606
	106	0.002	11.531	0.735
	107	-0.018	8.669	-0.007
	108	0.381	8.63	-0.025
	109	-0.001	8.957	-0.941
	110	0.004	8.484	1.1
	111	-0.021	11.679	0
	112	0.383	11.641	-0.027
	113	-0.002	11.982	-0.966
	114	0.004	11.483	1.143
	115	-0.019	11.695	-0.01
	116	0.383	11.655	-0.028
	117	-0.001	11.981	-0.946
	118	0.004	11.503	1.119
18878	101	0.001	11.984	0
	102	0.002	12.662	0.015
	103	-0.036	12.635	0.016
	104	0.031	12.69	0.005
	105	-0.002	12.871	-0.768
	106	0.018	12.248	1.501

	107	-0.053	8.86	-0.015
	108	0.048	8.923	-0.011
	109	-0.008	9.173	-1.305
	110	0.026	8.226	2.454
	111	-0.055	12.423	0.017
	112	0.05	12.496	-0.005
	113	-0.006	12.783	-1.293
	114	0.029	11.779	2.477
	115	-0.054	11.964	-0.007
	116	0.049	12.03	-0.012
	117	-0.007	12.276	-1.306
	118	0.028	11.337	2.456
18880	101	0	9.755	0.009
	102	0	10.485	0.004
	103	-0.025	11.048	0.04
	104	0.026	10.174	0.004
	105	0	10.792	-0.732
	106	0.001	10.249	1.731
	107	-0.038	8.176	0.061
	108	0.048	6.771	-0.031
	109	0	7.527	-1.288
	110	0.006	6.905	2.984
	111	-0.039	11.201	0.06
	112	0.045	9.767	-0.018
	113	-0.001	10.679	-1.256
	114	0.003	9.899	2.955
	115	-0.039	10.716	0.067
	116	0.048	9.284	-0.031
	117	0	10.069	-1.289
	118	0.004	9.423	2.977
18882	101	0	9.546	0.009
	102	0	9.862	-0.018
	103	-0.026	9.866	0.01
	104	0.022	9.867	-0.012
	105	0	10.005	-0.805
	106	0.001	9.818	1.753
	107	-0.039	7.043	0.059
	108	0.041	7.063	0.01
	109	-0.001	7.231	-1.238
	110	0.005	7.048	3.059
	111	-0.04	9.756	0.013
	112	0.039	9.77	0.008
	113	-0.001	9.956	-1.296
	114	0.002	9.726	3.002
	115	-0.039	9.515	0.049

	116	0.04	9.536	0.013
	117	0	9.701	-1.248
	118	0.003	9.509	3.056
18884	101	0	9.592	0.01
	102	0	10.024	0.006
	103	-0.029	9.487	-0.005
	104	0.022	10.367	0.01
	105	0	10.243	-0.847
	106	0.001	10.006	1.664
	107	-0.043	6.311	-0.062
	108	0.038	7.597	0.009
	109	-0.001	7.247	-1.378
	110	0.003	7.147	2.809
	111	-0.045	9.093	-0.041
	112	0.036	10.414	0.013
	113	0	10.122	-1.385
	114	0.002	9.888	2.795
	115	-0.044	8.765	-0.061
	116	0.037	10.093	0.013
	117	0	9.733	-1.38
	118	0.002	9.613	2.806
18886	101	0	9.575	0.011
	102	0	9.929	0.018
	103	-0.023	10.571	0.015
	104	0.021	9.625	0.015
	105	0	10.11	-0.783
	106	0.001	9.878	1.932
	107	-0.034	7.96	0.07
	108	0.035	6.633	0.03
	109	-0.001	7.244	-1.344
	110	0.003	7.061	3.201
	111	-0.035	10.788	0.046
	112	0.035	9.347	0.012
	113	0	10.03	-1.334
	114	0.002	9.748	3.193
	115	-0.034	10.46	0.072
	116	0.035	9.102	0.026
	117	0	9.713	-1.341
	118	0.002	9.53	3.204
18888	101	0	9.458	0.006
	102	0.001	9.895	0.022
	103	-0.015	9.895	0.016
	104	0.021	9.892	0.019
	105	-0.002	10.13	-0.832
	106	0.015	9.806	1.947

	107	-0.024	7.017	-0.02
	108	0.033	7.008	0.003
	109	-0.006	7.18	-1.421
	110	0.025	7.011	3.183
	111	-0.024	9.755	0.014
	112	0.033	9.749	0.011
	113	-0.006	10.042	-1.406
	114	0.024	9.669	3.212
	115	-0.024	9.468	-0.011
	116	0.033	9.461	0.004
	117	-0.006	9.631	-1.421
	118	0.023	9.453	3.186
18890	101	0	9.642	-0.021
	102	0	10.175	-0.062
	103	-0.026	9.724	-0.077
	104	0.018	10.436	-0.079
	105	0	10.155	-0.997
	106	0.002	10.218	1.309
	107	-0.042	6.4	-0.092
	108	0.038	7.565	-0.015
	109	0	7.191	-1.459
	110	0.007	7.263	2.257
	111	-0.042	9.245	-0.108
	112	0.035	10.453	-0.063
	113	0	10.02	-1.541
	114	0.004	10.043	2.224
	115	-0.042	8.895	-0.099
	116	0.038	10.073	-0.021
	117	0.001	9.672	-1.479
	118	0.005	9.738	2.25
18904	101	0	11.805	-0.004
	102	-0.001	12.2	0.002
	103	-0.011	11.767	-0.003
	104	0.004	12.535	-0.002
	105	-0.002	12.227	-0.315
	106	0	12.08	0.617
	107	-0.018	8.068	0.017
	108	0.007	9.3	0
	109	-0.001	8.875	-0.496
	110	0.001	8.474	1.104
	111	-0.018	11.409	0.002
	112	0.007	12.622	-0.003
	113	-0.002	12.174	-0.508
	114	0	11.868	1.083
	115	-0.018	11.119	0.012

	116	0.007	12.371	-0.001
	117	-0.001	11.922	-0.498
	118	0.001	11.536	1.102
18906	101	0	11.65	-0.001
	102	-0.001	11.943	0.005
	103	-0.012	11.522	-0.001
	104	0.004	12.234	0
	105	0	11.998	-0.321
	106	-0.001	11.93	0.588
	107	-0.016	8.041	0.016
	108	0.008	9.06	0.002
	109	0	8.767	-0.508
	110	-0.002	8.645	1.047
	111	-0.018	11.218	0.004
	112	0.007	12.314	0
	113	0	11.973	-0.52
	114	-0.002	11.867	1.028
	115	-0.017	11.036	0.013
	116	0.008	12.089	0.002
	117	0	11.773	-0.509
	118	-0.002	11.655	1.046
18908	101	0	11.782	-0.029
	102	0.001	12.345	-0.004
	103	-0.031	12.66	-0.022
	104	0.047	12.064	-0.026
	105	0	12.234	-0.974
	106	0.003	12.307	1.956
	107	-0.054	9.246	-0.032
	108	0.067	8.339	-0.091
	109	0	8.503	-1.743
	110	0.001	8.642	3.092
	111	-0.052	12.71	-0.022
	112	0.072	11.748	-0.044
	113	0	11.975	-1.682
	114	0.005	12.067	3.156
	115	-0.055	12.307	-0.04
	116	0.068	11.382	-0.093
	117	0	11.55	-1.751
	118	0.001	11.703	3.082
18910	101	0	11.615	-0.015
	102	0	11.9	0.008
	103	-0.04	12.247	-0.011
	104	0.042	11.681	-0.012
	105	0	12.037	-1.065
	106	-0.001	11.848	1.596

	107	-0.054	9.109	-0.024
	108	0.063	8.288	-0.086
	109	0	8.717	-1.925
	110	-0.001	8.553	2.501
	111	-0.059	12.365	-0.012
	112	0.065	11.472	-0.029
	113	0	11.989	-1.853
	114	-0.002	11.739	2.56
	115	-0.055	12.127	-0.029
	116	0.064	11.291	-0.083
	117	0	11.72	-1.929
	118	-0.001	11.559	2.497
18912	101	0	11.781	-0.026
	102	0.002	12.103	-0.022
	103	-0.025	12.113	-0.022
	104	0.054	12.103	-0.026
	105	0	12.011	-0.816
	106	0.005	12.159	2.003
	107	-0.045	8.753	0.044
	108	0.077	8.743	0
	109	0	8.533	-1.357
	110	0.003	8.757	3.359
	111	-0.043	12.037	-0.008
	112	0.083	12	-0.029
	113	0.001	11.834	-1.365
	114	0.007	12.05	3.354
	115	-0.046	11.813	0.029
	116	0.078	11.799	-0.01
	117	0	11.58	-1.365
	118	0.003	11.812	3.352
18914	101	0	11.616	-0.011
	102	0	11.818	-0.008
	103	-0.034	11.828	-0.007
	104	0.043	11.818	-0.011
	105	0	11.828	-0.891
	106	-0.001	11.872	1.551
	107	-0.046	8.595	0.043
	108	0.065	8.6	0.01
	109	0	8.52	-1.5
	110	-0.001	8.693	2.586
	111	-0.05	11.76	0.006
	112	0.067	11.751	-0.014
	113	0	11.713	-1.504
	114	-0.001	11.841	2.586
	115	-0.047	11.607	0.035

	116	0.065	11.612	0.005
	117	0	11.526	-1.503
	118	-0.001	11.696	2.584
18916	101	0	11.702	-0.032
	102	0.003	11.819	-0.052
	103	-0.022	11.502	-0.084
	104	0.068	12.13	-0.043
	105	0.001	11.684	-0.982
	106	0.007	11.896	1.958
	107	-0.042	8.184	-0.111
	108	0.095	9.097	-0.029
	109	0.001	8.444	-1.503
	110	0.005	8.733	3.457
	111	-0.039	11.288	-0.109
	112	0.103	12.244	-0.053
	113	0.001	11.556	-1.553
	114	0.01	11.861	3.382
	115	-0.042	11.207	-0.118
	116	0.096	12.135	-0.039
	117	0.001	11.472	-1.52
	118	0.004	11.772	3.452
18918	101	0	11.576	-0.016
	102	0	11.723	-0.035
	103	-0.033	11.471	-0.071
	104	0.048	11.922	-0.029
	105	0	11.68	-1.076
	106	0	11.751	1.514
	107	-0.043	8.22	-0.107
	108	0.073	8.86	-0.021
	109	0	8.5	-1.664
	110	0	8.611	2.658
	111	-0.047	11.298	-0.098
	112	0.076	11.982	-0.041
	113	0	11.607	-1.714
	114	0	11.721	2.605
	115	-0.044	11.211	-0.109
	116	0.073	11.862	-0.026
	117	0	11.491	-1.678
	118	0	11.611	2.658
18954	101	0	1.649	-0.053
	102	-0.013	1.39	-0.051
	103	-0.592	1.608	-0.038
	104	0.449	1.319	-0.042
	105	-0.009	1.429	-0.307
	106	-0.014	2.16	0.192

	107	-0.673	1.472	-0.027
	108	0.646	1.166	-0.025
	109	0.009	1.243	-0.457
	110	0.001	2.432	0.329
	111	-0.793	1.764	-0.037
	112	0.677	1.375	-0.036
	113	-0.003	1.524	-0.471
	114	-0.007	2.713	0.33
	115	-0.696	1.89	-0.041
	116	0.662	1.602	-0.038
	117	0.007	1.675	-0.472
	118	0.006	2.858	0.321
18956	101	-0.001	1.398	-0.027
	102	-0.01	1.427	-0.022
	103	-0.421	1.516	-0.002
	104	0.779	1.389	-0.009
	105	0.003	1.57	-0.433
	106	-0.02	1.404	0.348
	107	-0.497	1.183	-0.001
	108	1.105	0.945	0
	109	0.022	1.257	-0.685
	110	0.002	1.011	0.536
	111	-0.58	1.564	0
	112	1.181	1.338	-0.002
	113	0.012	1.652	-0.693
	114	-0.016	1.388	0.553
	115	-0.518	1.551	-0.008
	116	1.143	1.306	-0.007
	117	0.019	1.616	-0.696
	118	0.001	1.373	0.539
18958	101	-0.001	1.022	0.024
	102	-0.013	1.095	0.026
	103	-0.327	1.231	0.038
	104	0.526	1.065	0.037
	105	0.005	0.629	-0.26
	106	-0.016	1.832	0.248
	107	-0.409	0.916	0.029
	108	0.796	0.71	0.035
	109	0.011	0.049	-0.451
	110	-0.015	1.937	0.355
	111	-0.454	1.265	0.039
	112	0.822	1.023	0.043
	113	0.009	0.326	-0.445
	114	-0.021	2.271	0.374
	115	-0.423	1.184	0.035

	116	0.814	0.973	0.041
	117	0.008	0.309	-0.446
	118	-0.016	2.208	0.366
19344	101	-0.006	1.685	-0.008
	102	-0.06	13.312	-0.008
	103	-0.442	13.452	-0.013
	104	-0.045	13.311	-0.007
	105	-0.101	14.153	-0.129
	106	-0.114	12.893	0.055
	107	-0.612	1.474	-0.012
	108	0.016	1.24	-0.005
	109	-0.068	2.605	-0.204
	110	-0.09	0.652	0.096
	111	-0.663	10.047	-0.015
	112	-0.022	9.809	-0.007
	113	-0.108	11.2	-0.208
	114	-0.132	9.183	0.095
	115	-0.616	1.91	-0.014
	116	0.016	1.676	-0.006
	117	-0.069	3.047	-0.207
	118	-0.091	1.083	0.094
19346	101	0	1.798	0.007
	102	-0.012	13.222	0.007
	103	-0.446	13.077	0.002
	104	0.033	13.306	0.008
	105	-0.027	12.692	-0.131
	106	-0.026	13.939	0.078
	107	-0.74	1.128	-0.002
	108	0.065	1.448	0.007
	109	-0.024	0.471	-0.22
	110	-0.03	2.519	0.12
	111	-0.741	9.559	-0.001
	112	0.066	9.937	0.009
	113	-0.033	8.942	-0.22
	114	-0.036	10.977	0.123
	115	-0.746	1.596	-0.001
	116	0.072	1.92	0.009
	117	-0.025	0.936	-0.219
	118	-0.029	2.989	0.122
19364	101	-0.002	1.895	-0.001
	102	-0.037	13.48	-0.001
	103	-0.324	13.547	-0.014
	104	-0.005	13.476	-0.001
	105	-0.043	13.509	-0.326
	106	-0.051	13.529	0.146

	107	-0.461	1.509	-0.017
	108	0.029	1.403	0.003
	109	-0.018	1.454	-0.53
	110	-0.028	1.47	0.234
	111	-0.492	10.112	-0.02
	112	0.005	10.003	0.002
	113	-0.041	10.054	-0.535
	114	-0.053	10.078	0.238
	115	-0.466	2.002	-0.017
	116	0.03	1.894	0.003
	117	-0.019	1.946	-0.531
	118	-0.027	1.963	0.235
19368	101	0	0.477	-0.008
	102	0	0.601	-0.006
	103	0.005	0.637	-0.011
	104	-0.001	0.606	-0.007
	105	0.017	1.434	-0.172
	106	0	0.35	0.048
	107	0.009	0.384	-0.008
	108	0	0.354	-0.006
	109	0.029	1.687	-0.273
	110	0	0.033	0.083
	111	0.009	0.609	-0.012
	112	-0.001	0.566	-0.007
	113	0.029	1.919	-0.277
	114	0	0.204	0.083
	115	0.009	0.507	-0.011
	116	0	0.478	-0.008
	117	0.029	1.813	-0.276
	118	0	0.155	0.081
19370	101	-0.006	2.48	0
	102	-0.063	16.861	0.005
	103	-0.467	17.139	-0.007
	104	-0.046	16.834	0.002
	105	-0.128	16.902	-0.376
	106	-0.127	16.951	0.083
	107	-0.645	2.63	-0.004
	108	0.01	1.825	0
	109	-0.107	2.15	-0.612
	110	-0.107	1.931	0.121
	111	-0.7	13.047	-0.008
	112	-0.022	12.511	0.002
	113	-0.15	12.627	-0.619
	114	-0.151	12.702	0.128
	115	-0.65	3.217	-0.005

	116	0.01	2.464	0
	117	-0.108	2.771	-0.613
	118	-0.108	2.603	0.121
19378	101	-0.002	2.452	0.007
	102	-0.017	16.604	0.01
	103	-0.482	15.69	0.006
	104	0.02	16.306	0.009
	105	-0.012	16.109	-0.155
	106	-0.032	16.897	0.056
	107	-0.828	0.671	0.004
	108	0.049	1.343	0.006
	109	0.006	1.062	-0.261
	110	-0.035	2.507	0.079
	111	-0.817	10.825	0.005
	112	0.048	11.969	0.009
	113	-0.005	11.537	-0.261
	114	-0.043	12.979	0.083
	115	-0.837	1.222	0.006
	116	0.053	1.951	0.007
	117	0.005	1.69	-0.26
	118	-0.035	3.128	0.081
19396	101	-0.002	2.479	0
	102	-0.035	16.813	0.006
	103	-0.345	17.032	-0.006
	104	-0.009	16.808	0.004
	105	-0.044	17.222	-0.403
	106	-0.051	16.945	0.092
	107	-0.496	2.164	-0.005
	108	0.019	1.812	0
	109	-0.023	2.333	-0.657
	110	-0.029	2.023	0.132
	111	-0.527	12.869	-0.007
	112	0	12.492	0.003
	113	-0.044	13.165	-0.663
	114	-0.054	12.71	0.141
	115	-0.502	2.806	-0.005
	116	0.02	2.452	0
	117	-0.024	2.986	-0.658
	118	-0.029	2.662	0.133
19400	101	0.002	2.233	0
	102	0.024	14.039	0.004
	103	-0.661	13.942	0.028
	104	0.037	14.073	0.004
	105	0.062	14.399	-0.2
	106	-0.012	13.883	0.086

	107	-1.14	2.354	0.035
	108	0.012	1.676	0.001
	109	-0.002	2.025	-0.319
	110	-0.07	1.682	0.129
	111	-1.123	10.927	0.039
	112	0.032	10.534	0.004
	113	0.051	11.034	-0.325
	114	-0.048	10.371	0.135
	115	-1.142	2.923	0.035
	116	0.015	2.257	0.001
	117	-0.001	2.605	-0.319
	118	-0.069	2.26	0.129
19402	101	0.003	2.488	0
	102	0.045	17.125	0.004
	103	-0.512	16.977	0.027
	104	0.058	17.145	0.005
	105	0.034	17.198	-0.191
	106	0.01	17.197	0.083
	107	-0.909	2.224	0.034
	108	0.018	1.863	0.001
	109	-0.017	1.932	-0.305
	110	-0.044	1.916	0.124
	111	-0.885	12.64	0.038
	112	0.05	12.765	0.004
	113	0.011	12.826	-0.311
	114	-0.017	12.814	0.13
	115	-0.91	2.79	0.034
	116	0.02	2.51	0.001
	117	-0.015	2.572	-0.305
	118	-0.042	2.555	0.124
19410	101	0.001	2.47	0.007
	102	0.011	16.983	0.009
	103	-0.259	17.383	0.02
	104	0.043	17.057	0.009
	105	0.013	16.616	-0.109
	106	0.013	17.207	0.056
	107	-0.474	2.737	0.026
	108	0.03	2.028	0.006
	109	-0.007	1.608	-0.185
	110	-0.014	2.173	0.083
	111	-0.456	13.258	0.028
	112	0.049	12.753	0.009
	113	0.011	12.122	-0.184
	114	0.002	12.994	0.086
	115	-0.476	3.275	0.027

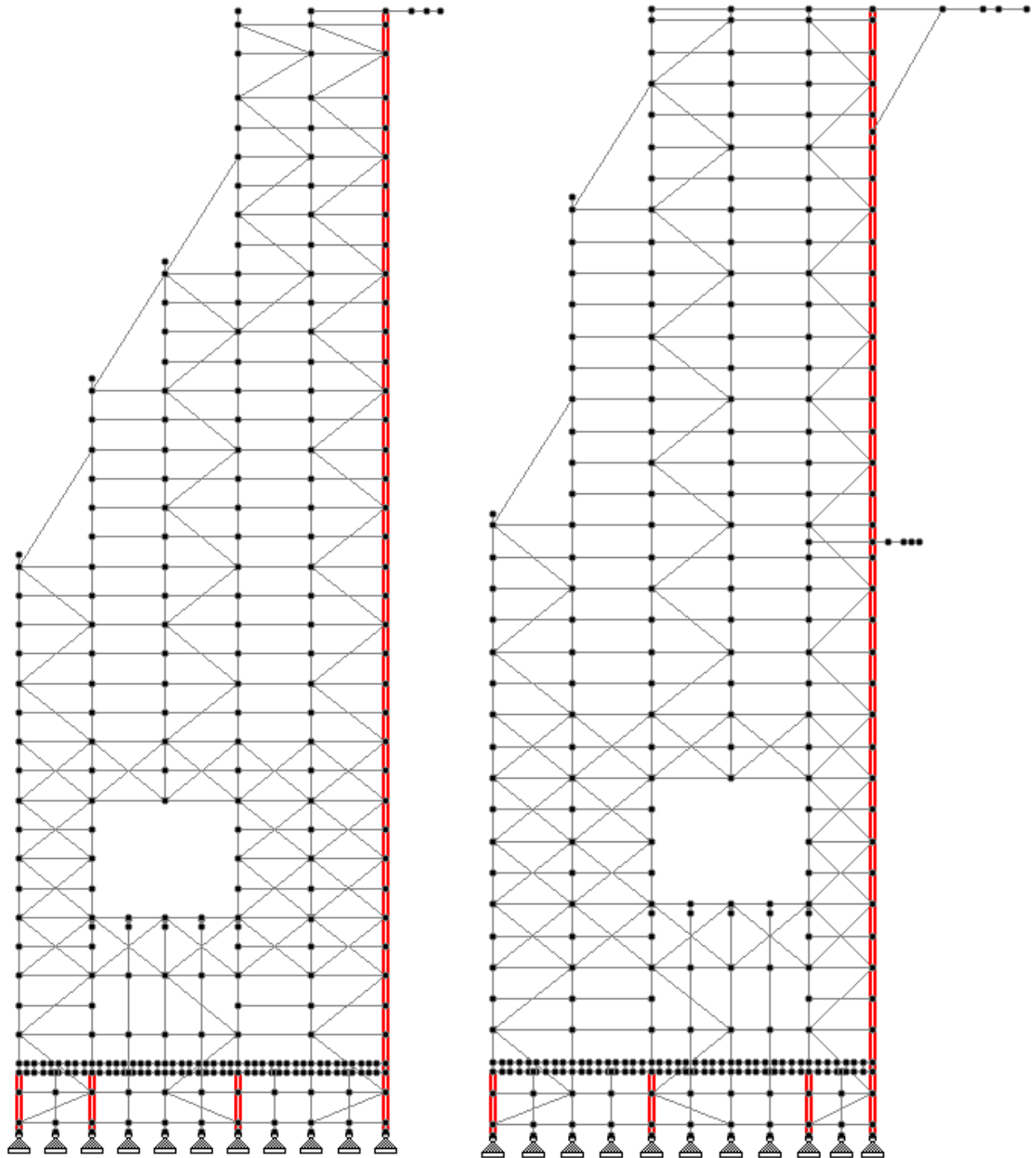
	116	0.034	2.677	0.008
	117	-0.006	2.252	-0.183
	118	-0.012	2.814	0.085
19428	101	0.002	2.479	0
	102	0.036	16.753	0.004
	103	-0.383	16.649	0.029
	104	0.062	16.792	0.005
	105	0.03	17.124	-0.204
	106	0.015	16.801	0.088
	107	-0.689	1.949	0.036
	108	0.026	1.876	0.001
	109	-0.015	2.014	-0.325
	110	-0.022	2.001	0.131
	111	-0.668	12.446	0.04
	112	0.059	12.518	0.004
	113	0.01	12.946	-0.331
	114	0.001	12.58	0.138
	115	-0.691	2.571	0.036
	116	0.029	2.525	0.001
	117	-0.014	2.668	-0.326
	118	-0.02	2.638	0.132
19432	101	0	2.069	-0.008
	102	-0.001	14.38	-0.006
	103	-0.871	14.608	0.004
	104	0.001	14.395	-0.006
	105	0.065	15.267	-0.11
	106	-0.051	14.23	0.038
	107	-1.454	2.025	0.011
	108	0.003	1.536	-0.005
	109	0.132	3.31	-0.172
	110	-0.088	1.356	0.067
	111	-1.451	11.092	0.01
	112	0.002	10.703	-0.006
	113	0.117	12.137	-0.176
	114	-0.087	10.479	0.066
	115	-1.455	2.558	0.009
	116	0.004	2.075	-0.008
	117	0.133	3.839	-0.175
	118	-0.088	1.891	0.065

8. CONCLUSION

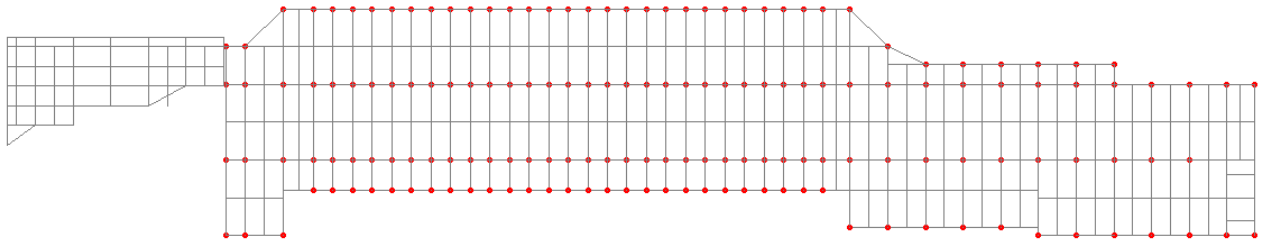
Some of modifications have been done to overcome the failure of members, Modifications/additions are stated below.

1. To overcome the buckling of vertical standards, Double vertical standards (Double CHS 48.3 x 3.2) are used instead of single CHS 48.3 x 3.2.

As per highlighted members in below section & plan,



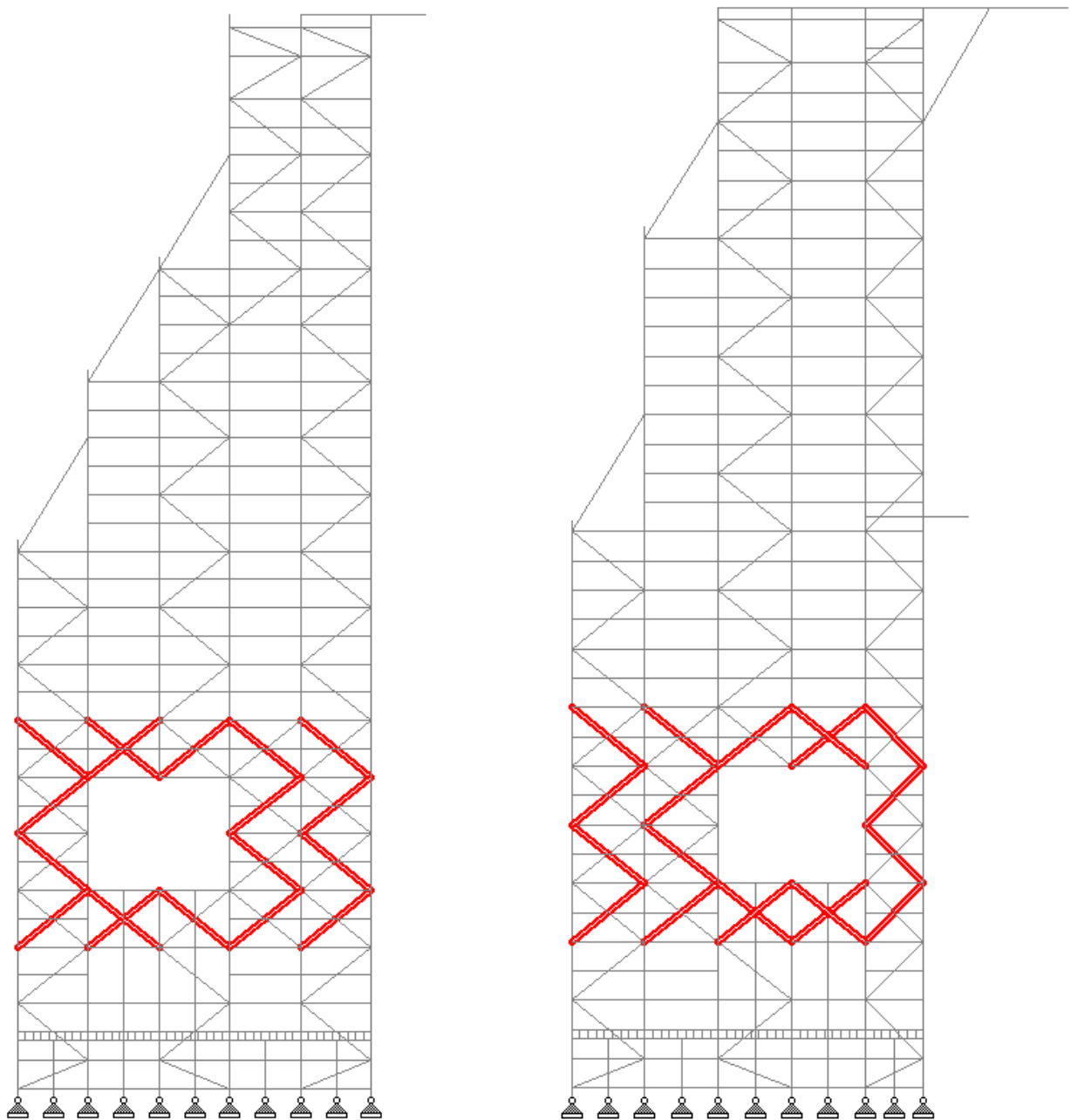
Double CHS 48.3 x 3.2



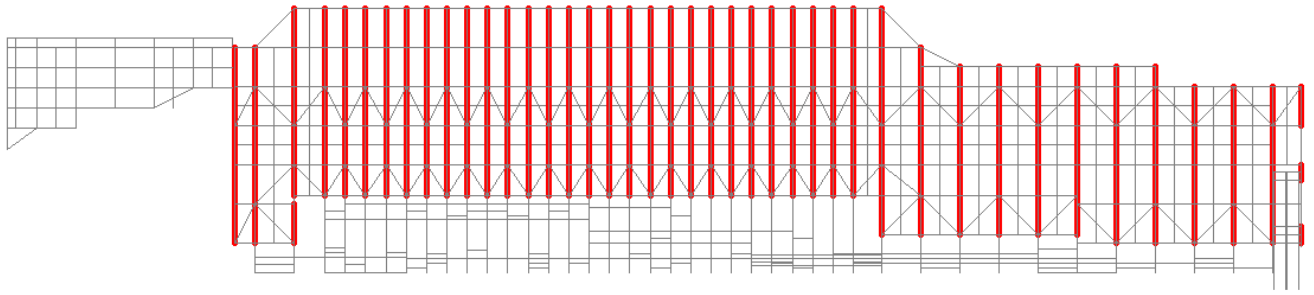
Double CHS 48.3 x 3.2

2. To overcome the buckling of vertical standards due to opening of buggy route, Additional cross bracings are used besides the buggy route throughout the span.

Additional bracings are marked in below sections & plan.



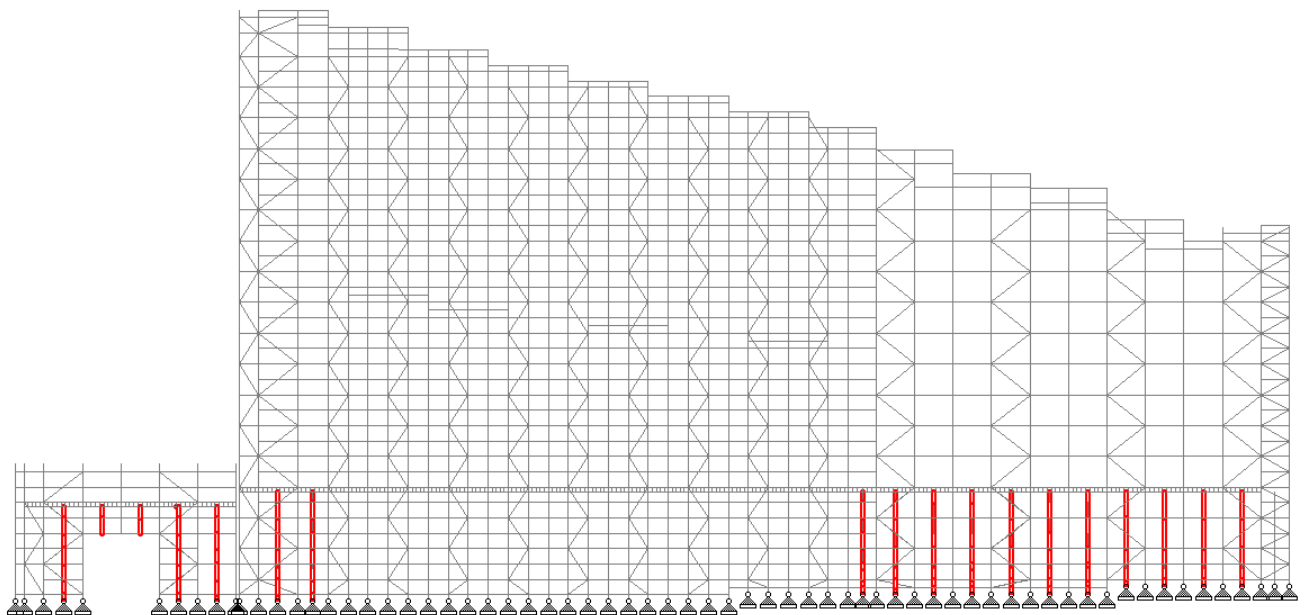
Additional Cross Bracings in Elevation



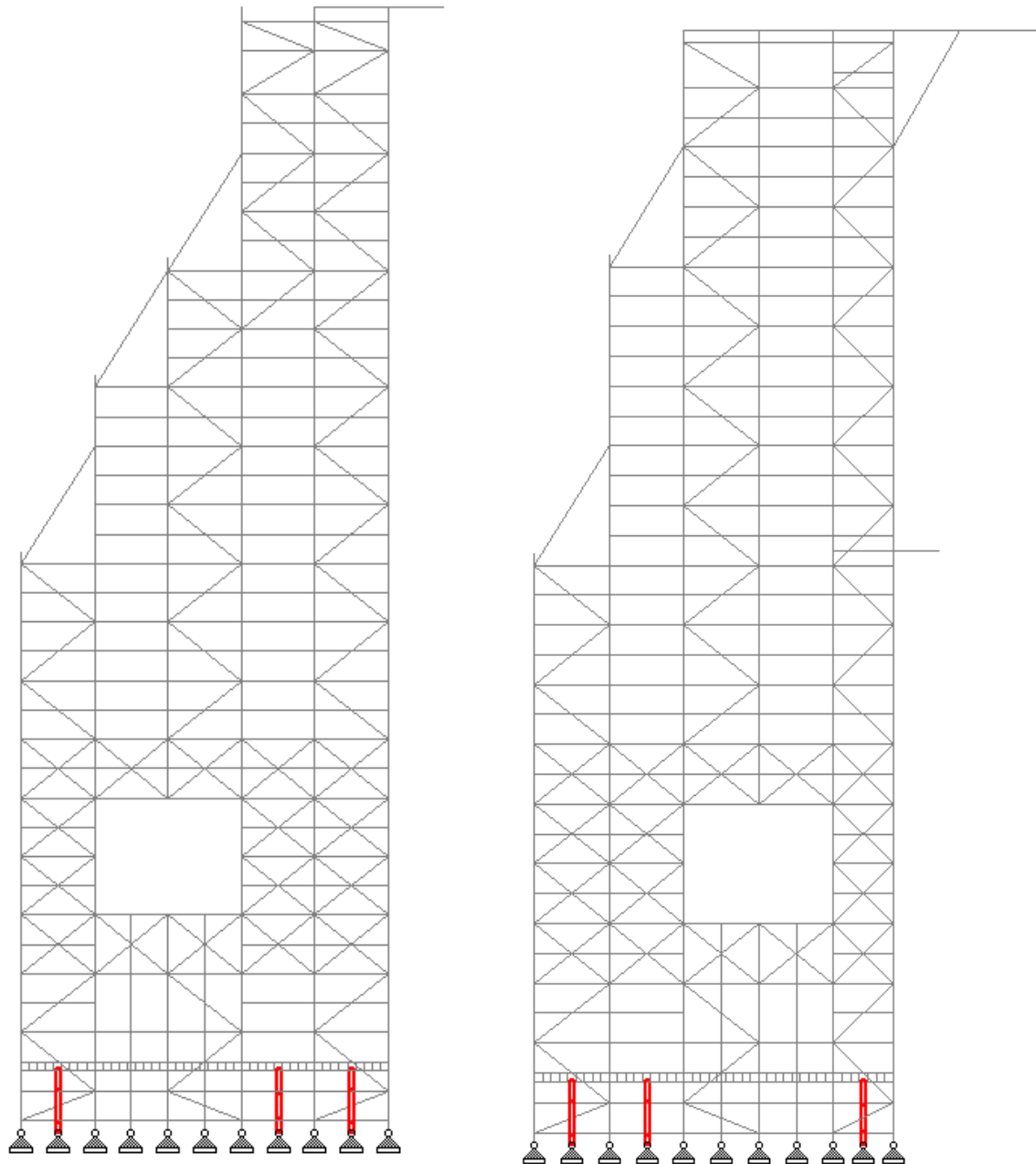
Additional Cross Bracings in Elevation

3. Vertical lifts of standards are restricted to 1 m. in whole structure to increase the axial load carrying capacity.
4. Double coupler connection is required at every ladder beam connection. To overcome the axial/slipping forces of ladder beams.
5. Additional intermediate vertical supports are required to reduce the span of ladder beams of ballast platform & buggy route.

Additional vertical supports are marked in below sections.



Additional Vertical Supports for Buggy Route



Additional Vertical Supports for Ballast Platform